STIC Search Report
EIC 3600

Scientific and Technical Information Center

To: Paul Shumate Location: Knox 5A48 Art Unit: 3693 Date: January 20, 2010 Case Serial Number: 10/642,878	From: Caryn Wesner-Early Location: EIC3600 KNX 4B59 Phone: (571) 272-3543 caryn.wesner- early@uspto.gov

Search Notes

Dear Examiner Shumate:

Please find attached the results of your search for the above-referenced case. The search was conducted in the template files.

I would have listed references of *potential* interest in the first part of the search results, if there had been any. However, please be sure to scan through the entire report. There may be references that you might find useful that I missed.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

Caryn S. Wesner-Early, MSLS
ASRC Technical Information Specialist
EIC 3600, US Patent & Trademark Office

I. Inventor Search Results from Dialog

```
? show files;ds;cost;logoff hold
File 471:New York Times Fulltext 1980-2010/Jan 14
       (c) 2010 The New York Times
File 139:EconLit 1969-2009/Dec
       (c) 2009 American Economic Association
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
       (c) 2002 Gale/Cengage
File 474:New York Times Abs 1969-2010/Jan 11
       (c) 2010 The New York Times
File 475:Wall Street Journal Abs 1973-2010/Jan 14
       (c) 2010 The New York Times
File  35:Dissertation Abs Online 1861-2009/Nov
       (c) 2009 ProQuest Info&Learning
File  65:Inside Conferences 1993-2010/Jan 14
       (c) 2010 BLDSC all rts. reserv.
File  99:Wilson Appl. Sci & Tech Abs 1983-2009/Nov
       (c) 2009 The HW Wilson Co.
File 256:TecTrends 1982-2010/Jan W2
       (c) 2010 Info.Sources Inc. All rights res.
File   2:INSPEC 1898-2009/Dec W2
       (c) 2009 The IET
File 634:San Jose Mercury  Jun 1985-2009/Dec 31
       (c) 2010 San Jose Mercury News
File 610:Business Wire 1999-2010/Jan 14
       (c) 2010 Business Wire.
File 613:PR Newswire 1999-2010/Jan 13
       (c) 2010 PR Newswire Association Inc
File 810:Business Wire 1986-1999/Feb 28
       (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
       (c) 1999 PR Newswire Association Inc
File  20:Dialog Global Reporter 1997-2010/Jan 14
       (c) 2010 Dialog
File 626:Bond Buyer Full Text 1981-2008/Jul 07
       (c) 2008 Bond Buyer
File 268:Banking Info Source 1981-2010/Jan W1
       (c) 2010 ProQuest Info&Learning
File   9:Business & Industry(R) Jul/1994-2010/Jan 14
       (c) 2010 Gale/Cengage
File  15:ABI/Inform(R) 1971-2010/Jan 13
       (c) 2010 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2010/Jan 14
       (c) 2010 Gale/Cengage
File 148:Gale Group Trade & Industry DB 1976-2010/Jan 14
```

(c) 2010 Gale/Cengage
File 160: Gale Group PROMT(R) 1972-1989
       (c) 1999 The Gale Group
File 275: Gale Group Computer DB(TM) 1983-2010/Dec 09
       (c) 2010 Gale/Cengage
File 621: Gale Group New Prod.Annou.(R) 1985-2010/Dec 01
       (c) 2010 Gale/Cengage
File 636: Gale Group Newsletter DB(TM) 1987-2010/Dec 15
       (c) 2010 Gale/Cengage
File 267: Finance & Banking Newsletters 2008/Sep 29
       (c) 2008 Dialog
File 624: McGraw-Hill Publications 1985-2010/Jan 14
       (c) 2010 McGraw-Hill Co. Inc
File 625: American Banker Publications 1981-2008/Jun 26
       (c) 2008 American Banker
File 120: U.S. Copyrights 1978-2010/Jan 12
       (c) format only 2010 Dialog
File 426: LCMARC-Books 1968-2010/Jan W2
       (c) format only 2010 Dialog
File 430: British Books in Print 2007/Jan W3
       (c) 2007 J. Whitaker & Sons Ltd.
File 483: Newspaper Abs Daily 1986-2010/Jan 14
       (c) 2010 ProQuest Info&Learning
File 347: JAPIO Dec 1976-2009/Sep(Updated 091230)
       (c) 2010 JPO & JAPIO
File 348: EUROPEAN PATENTS 1978-201001
       (c) 2010 European Patent Office
File 349: PCT FULLTEXT 1979-2010/UB=20100107|UT=20091231
       (c) 2010 WIPO/Thomson
File 350: Derwent WPIX 1963-2009/UD=201002
       (c) 2010 Thomson Reuters
File 371: French Patents 1961-2002/BOPI 200209
       (c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	70	AU=(SAHOTA, J? OR SAHOTA J? OR SAHOTA(2N)JAGDEEP OR AABYE, C? OR AABYE C? OR AABYE(2N)(CHRISTIAN OR CHRIS))
S2	45	S1 FROM 347,348,349,350,371
S3	25	AUTHENTICAT? OR AUTHORI?E OR AUTHORI?ED OR AUTHORI?ES OR A-UTHORI?ATION OR CONFIRM??? OR CONFIRMATION OR SUBSTANTIAT? OR VALIDAT? OR VERIFI? OR VERIFY???
S4	25	S2 AND S3
S5	26	CELL OR CELLULAR OR CORDLESS OR WIRELESS OR RADIO OR BLUET-OOTH OR WAP OR HDML OR WIFI OR WI()FI OR 3G OR 4G
S6	14	S4(S)S5
S7	11	S6 AND IC=(G06F OR G06Q)
S8	11	IDPAT (sorted in duplicate/non-duplicate order)
S9	11	IDPAT (primary/non-duplicate records only)

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S10     25   S1 NOT S2
S11      0   S3 AND S10
S12      2   S5 AND S10
S13      2   RD (unique items)
S14     13   S9 OR S13
```

14/AA,AN,AZ,AU,TI/1   (Item 1 from file: 99)
DIALOG(R)File 99:(c) 2009 The HW Wilson Co. All rts. reserv.
2697302 H.W. WILSON RECORD NUMBER: BAST04103503
Novel Polyphosphazene-Hydroxyapatite Composites as Biomaterials
Ambrosio, A. M. A; Sahota, J. S; Runge, C

14/AA,AN,AZ,AU,TI/2   (Item 1 from file: 2)
DIALOG(R)File 2:(c) 2009 The IET. All rts. reserv.
10460469
Title: Biomimetic tissue-engineered anterior cruciate ligament replacement
Authors(s): Cooper, J.A., Jr.; Sahota, J.S.; Gorum, W.J., II;
  Carter, J.; Doty, S.B.; Laurencin, C.T.

14/AA,AN,AZ,AU,TI/3   (Item 1 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
01212817
GENERATING A DYNAMIC VERIFICATION VALUE
PROCEDE ET SYSTEME DE GENERATION D'UNE VALEUR DE VERIFICATION DYNAMIQUE
Patent Applicant/Inventor:
  SAHOTA Jagdeep Singh, 981 Coral Ridge Road, Rodeo, CA 94572, US, US
    (Residence), US (Nationality),
  AABYE Christian, 260 Billingsgate Lane, Foster City, California 94404, US
    , US (Residence), DK (Nationality),
  Application: WO 2004US26813 20040818 (PCT/WO US2004026813)

14/AA,AN,AZ,AU,TI/4   (Item 2 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
01207994
A SYSTEM AND METHOD FOR MANAGING ELECTRONIC DATA TRANSFER APPLICATIONS
SYSTEME ET PROCEDE POUR GERER DES APPLICATIONS DE TRANSFERT DE DONNEES
    ELECTRONIQUES
Patent Applicant/Inventor:
  SHENKER Gavin, 2640 Glendon Avenue, Los Angeles, CA 90064, US, US
    (Residence), ZA (Nationality), (Designated only for: US)
  RAJ Thanigaivel Ashwin, 39975 Cedar Boulevard, Apartment #343, Newark, CA
    94560, US, US (Residence), IN (Nationality), (Designated only for: US)
  SAHOTA Jagdeep Singh, 981 Coral Ridge Road, Rodeo, CA 94572, US, US
    (Residence), US (Nationality), (Designated only for: US)

KASHEF Forough, 45741 Vineyard Avenue, Fremont, CA 94539, US, US
(Residence), US (Nationality), (Designated only for: US)
HURRY Simon, 1034 Gull Avenue, Foster City, CA 94404, US, US (Residence),
ZA (Nationality), (Designated only for: US)
Application: WO 2004US12130 20040419 (PCT/WO US2004012130)
Parent Application/Grant:
Related by Continuation to: US 2004826092 20040416 (CIP)

14/AA,AN,AZ,AU,TI/5   (Item 3 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
01112113
METHOD AND SYSTEM FOR FACILITATING DATA ACCESS AND MANAGEMENT ON A
SECURE TOKEN
PROCEDE ET SYSTEME PERMETTANT DE FACILITER L'ACCES ET LA GESTION DE DONNEES
SUR UN JETON SECURISE
Inventor(s):
REED Sonia, 4109 Quail Run Drive, Danville, CA 94506, US,
AABYE Christian, 260 Billingsgate Lane, Foster City, CA 94404, US,
Application: WO 2003US31780 20031007 (PCT/WO US03031780)

14/AA,AN,AZ,AU,TI/6   (Item 4 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
01090038
METHODS FOR PERFORMING TRANSACTIONS IN A WIRELESS ENVIRONMENT
PROCEDES POUR EFFECTUER DES TRANSACTIONS DANS UN ENVIRONNEMENT SANS FIL
Patent Applicant/Inventor:
SAHOTA Jagdeep Singh, 981 Coral Ridge Circle, Rodeo, CA 94572, US, US
(Residence), US (Nationality), (Designated only for: US)
OPPENLANDER Carole, 247 Arroyo Drive, Pacifica, CA 94044, US, US
(Residence), US (Nationality), (Designated only for: US)
HILL Trudy, 1200 E. Hillsdale #18, Foster City, CA 94404, US, US
(Residence), US (Nationality), (Designated only for: US)
Application: WO 2003US23451 20030729 (PCT/WO US03023451)
Parent Application/Grant:
Related by Continuation to: US 2003628702 20030728 (CIP)

14/AA,AN,AZ,AU,TI/7   (Item 1 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0019296481
WPI ACC NO: 2009-L53349/
Data transfer application i.e. payment application, managing method for
e.g. credit card transaction, involves enabling selected transfer
application by user when user satisfies authentication mechanism, and
disabling selected application
Original Titles:

SYSTEM AND METHOD FOR MANAGING ELECTRONIC DATA TRANSFER APPLICATIONS
Local Applications (No Type Date): US 2006612762 A 20061219; US
 2003486578 P 20030711; US 2004826092 A 20040416
Priority Applications (no., kind, date): US 2003486578 P 20030711; US
 2004826092 A 20040416; US 2006612762 A 20061219

 14/AA,AN,AZ,AU,TI/8   (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0018309042
WPI ACC NO: 2008-M29378/
Off line payment device e.g. smart cards, validation method, involves
permitting consumer to complete transaction with merchant based on whether
non-primary account number signature is on list
Original Titles:
The negative list based on the signature for the off line payment permission of
installation.
Signature based negative list for off line payment device validation
LISTE NEGATIVE BASEE SUR LA SIGNATURE POUR LA VALIDATION HORS LIGNE D'UN
DISPOSITIF DE PAIEMENT
Local Applications (No Type Date): US 2007887307 P 20070130; US
 2007713307 A 20070301; WO 2007US82903 A 20071029; WO 2007US82903 A
 20071029; WO 2007US82903 A 20071029; AU 2007345585 A 20071029; CA
 2676637 A 20071029; WO 2007US82903 A 20071029; CA 2676637 A
 20090727; WO 2007US82903 A 20071029; KR 2009717980 A 20071029
Priority Applications (no., kind, date): US 2007887307 P 20070130; US
 2007887307 P 20070130; US 2007713307 A 20070301

 14/AA,AN,AZ,AU,TI/9   (Item 3 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0017338892
WPI ACC NO: 2008-B59331/
Track data encrypting method for use in e.g. personal digital assistant,
involves receiving approval or disapproval for payment transaction after
providing secondary permanent account number
Original Titles:
Consumer authentication system and method
Portable consumer device verification system
SYSTEM UND VERFAHREN ZUR AUTHENTIFIZIERUNG VON KONSUMENTEN
SYSTEME ET PROCEDE D'AUTHENTIFICATION DE CONSOMMATEUR
SPURDATENVERSCHLUSSELUNG
TRACK DATA ENCRYPTION
CRYPTAGE DE DONNEES DE SUIVI
Consumer authentication system and method
SYSTEME DE VERIFICATION D'UN DISPOSITIF CLIENT PORTABLE
TERMINAL DATA ENCRYPTION
Local Applications (No Type Date): US 2006815059 P 20060619; US

2006815430 P 20060620; US 2007884089 P 20070109; US 2007761821 A 20070612; WO 2007US71200 A 20070614; WO 2007US71301 A 20070615; WO 2007US71376 A 20070615; WO 2007US71386 A 20070615; WO 2007US71200 A 20070614; WO 2007US71376 A 20070615; WO 2007US71301 A 20070615; WO 2007US71386 A 20070615; EP 2007812158 A 20070615; WO 2007US71301 A 20070615; EP 2007798557 A 20070614; WO 2007US71200 A 20070614; WO 2007US71200 A 20070614; KR 2009700832 A 20090115; AU 2007261072 A 20070615; AU 2007261082 A 20070615; AU 2007261152 A 20070615; WO 2007US71301 A 20070615; KR 2009700931 A 20090116; CA 2655015 A 20070615; WO 2007US71301 A 20070615; CA 2655015 A 20081215; CN 200780022874 A 20070615; WO 2007US71301 A 20070615; CN 200780022875 A 20070615; WO 2007US71376 A 20070615; WO 2007US71376 A 20070615; IN 2009CN289 A 20090116; WO 2007US71301 A 20070615; IN 2009CN290 A 20090116; WO 2007US71200 A 20070614; MX 200816174 A 20081216; CA 2655465 A 20070614; WO 2007US71200 A 20070614; CA 2655465 A 20081215; WO 2007US71200 A 20070614; JP 2009516638 A 20070614; WO 2007US71301 A 20070615; JP 2009516645 A 20070615; WO 2007US71376 A 20070615; JP 2009516648 A 20070615; CA 2655311 A 20070615; WO 2007US71376 A 20070615

Priority Applications (no., kind, date): US 2006815059 P 20060619; US 2006815059 P 20060619; US 2006815430 P 20060620; US 2006815430 P 20060620; US 2007884089 P 20070109; US 2007884089 P 20070109; US 2007761821 A 20070612

14/AA,AN,AZ,AU,TI/10   (Item 4 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0016743491
WPI ACC NO: 2007-458561/
Reader useful for reducing interaction time for contactless transaction comprises contactless interface and transaction module coupled to the interface
Original Titles:
Device, system and method for reducing an interaction time for a contactless transaction
EINRICHTUNG, SYSTEM UND VERFAHREN ZUM VERRINGERN EINER INTERAKTIONSZEIT FUR EINE KONTAKTLOSE TRANSAKTION
DEVICE, SYSTEM AND METHOD FOR REDUCING AN INTERACTION TIME FOR A CONTACTLESS TRANSACTION
DISPOSITIF, SYSTEME ET PROCEDE DE REDUCTION DE LA DUREE D'INTERACTION POUR UNE TRANSACTION SANS CONTACT
Local Applications (No Type Date): WO 2006US38047 A 20060928; US 2005721454 P 20050928; US 2006807775 P 20060719; US 2006536307 A 20060928; EP 2006815789 A 20060928; WO 2006US38047 A 20060928; AU 2006294466 A 20060928; CN 200680043308 A 20060928; WO 2006US38047 A 20060928; WO 2006US38047 A 20060928; KR 2008710072 A 20080425; WO 2006US38047 A 20060928; IN 2008KN1305 A 20080401; CA 2624191 A 20060928; WO 2006US38047 A 20060928; CA 2624191 A 20080328; WO 2006US38047 A 20060928; JP 2008533656 A 20060928; WO 2006US38047 A 20060928; MX 20084209 A 20080328; ZA 20083372 A 20060928

Priority Applications (no., kind, date): US 2005721454 P 20050928; US
2005721454 P 20050928; US 2006807775 P 20060719; US 2006807775 P
20060719; US 2006536307 A 20060928

14/AA,AN,AZ,AU,TI/11   (Item 5 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0014854172
WPI ACC NO: 2005-201876/
Transaction payment service authenticating method for use in financial
institution, involves generating two verification values, and disapproving
transaction when verification values are unequal
Original Titles:
VERFAHREN UND SYSTEM ZUR ERZEUGUNG EINES DYNAMISCHEN VERIFIKATIONSWERTS
METHOD AND SYSTEM FOR GENERATING A DYNAMIC VERIFICATION VALUE
PROCEDE ET SYSTEME DE GENERATION D'UNE VALEUR DE VERIFICATION DYNAMIQUE
Local Applications (No Type Date): US 2003642878 A 20030818; WO
2004US26813 A 20040818; EP 2004781493 A 20040818; WO 2004US26813 A
20040818; AU 2004267784 A 20040818; WO 2004US26813 A 20040818; KR
2006703356 A 20060217; WO 2004US26813 A 20040818; JP 2006524010 A
20040818; SG 200717870 A 20040818
Priority Applications (no., kind, date): US 2003642878 A 20030818

14/AA,AN,AZ,AU,TI/12   (Item 6 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0014772706
WPI ACC NO: 2005-120371/
Data transfer applications managing method for mobile electronic device
e.g. cellular telephone, involves enabling selected data transfer
application for use by user of electronic device
Original Titles:
System and method for managing electronic data transfer applications
A SYSTEM AND METHOD FOR MANAGING ELECTRONIC DATA TRANSFER APPLICATIONS
SYSTEME ET PROCEDE POUR GERER DES APPLICATIONS DE TRANSFERT DE DONNEES
ELECTRONIQUES
Local Applications (No Type Date): US 2003486578 P 20030711; US
2004826092 A 20040416; WO 2004US12130 A 20040419; US 2004826092 A
20040416
Priority Applications (no., kind, date): US 2003486578 P 20030711; US
2004826092 A 20040416; US 2004826092 A 20040416

14/AA,AN,AZ,AU,TI/13   (Item 7 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0013963388
WPI ACC NO: 2004-144096/
Wireless transaction performing method for business application, involves

determining transaction processing capabilities of integrated circuit card,
and communicating and processing application data in response to determination
Original Titles:
METHODS FOR PERFORMING TRANSACTIONS IN A WIRELESS ENVIRONMENT
PROCEDES POUR EFFECTUER DES TRANSACTIONS DANS UN ENVIRONNEMENT SANS FIL
Local Applications (No Type Date): WO 2003US23451 A 20030729; US
 2002399274 P 20020729; US 2003628702 A 20030728; AU 2003254201 A
 20030729; AU 2003254201 A 20030729
Priority Applications (no., kind, date): US 2002399274 P 20020729; US
 2003628702 A 20030728

DIALOG(R)File 349:PCT FULLTEXT
(c) 2010 WIPO/Thomson. All rts. reserv.

01212817   **Image available**
GENERATING A DYNAMIC VERIFICATION VALUE
PROCEDE ET SYSTEME DE GENERATION D'UNE VALEUR DE VERIFICATION DYNAMIQUE
Patent Applicant/Assignee:
 VISA INTERNATIONAL SERVICE ASSOCIATION, P.O. Box 8999, San Francisco, CA
  94128-8999, US, US (Residence), US (Nationality), (For all designated
  states except: US)
Patent Applicant/Inventor:
 SAHOTA Jagdeep Singh, 981 Coral Ridge Road, Rodeo, CA 94572, US, US
  (Residence), US (Nationality),
 AABYE Christian, 260 Billingsgate Lane, Foster City, California 94404, US
  , US (Residence), DK (Nationality),
Legal Representative:
 MELNIK W Joseph (agent), Pepper Hamilton LLP, One Mellon Center, 50th
  Floor, 500 Grant Street, Pittsburgh, PA 15219, US
Patent and Priority Information (Country, Number, Date):
 Patent: WO 200520012 A2-A3 20050303 (WO 0520012)
 Application: WO 2004US26813 20040818 (PCT/WO US2004026813)
 Priority Application: US 2003642878 20030818
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
 AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
 DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
 LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
 RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
 (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
 SE SI SK TR
 (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
 (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 6003
Main International Patent Class (v7): G06F
International Patent Class (v8 + Attributes)
IPC + Level Value Position Status Version Action Source Office:
 G06Q-0020/00...
...US
 G06Q-0040/00...
Fulltext Availability:
 Detailed Description
 Claims
English Abstract
 Methods and systems for dynamically generating a verification value

for a transaction and for utilizing such value to verify the
authenticity of the payment service (104) application. The dynamically
created verification value (101 & 102) may be generated on a
payment device (120, 126, 130, & 134), such...

...payment device (120, 126, 130, & 134) to a point of s terminal, which
generates a verification vlaue (101 & 102) and embeds it into the
payment data. The embedded verification value (1 & 102) is used by
a service provider to verify the authenticity of the transaction.
The methods and systems may be used in contactles (wireless)
environments or a non-wireless environment.

Detailed Description
 METHOD AND SYSTEM FOR GENERATING A DYNAMIC VERIFICATION VALUE
 BACKGROUND OF THE INVENTION

...are proving to be less effective as financial transactions are
 increasingly being conducted in a wireless environment. Similarly,
 as financial instruments are increasingly being employed on electronic
 devices, rather than physical plastic cards, the ability to use
 techniques such as a customer signature or holograms to verify a
 party to a transaction is becoming less available.

 14/3,K/4   (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2010 WIPO/Thomson. All rts. reserv.

01207994   **Image available**
A SYSTEM AND METHOD FOR MANAGING ELECTRONIC DATA TRANSFER APPLICATIONS
SYSTEME ET PROCEDE POUR GERER DES APPLICATIONS DE TRANSFERT DE DONNEES
   ELECTRONIQUES
Patent Applicant/Assignee:
 VISA INTERNATIONAL SERVICE ASSOCIATION, P.O. Box 8999, San Francisco, CA
   94128-8999, US, US (Residence), US (Nationality), (For all designated
   states except: US)
Patent Applicant/Inventor:
 SHENKER Gavin, 2640 Glendon Avenue, Los Angeles, CA 90064, US, US
   (Residence), ZA (Nationality), (Designated only for: US)
 RAJ Thanigaivel Ashwin, 39975 Cedar Boulevard, Apartment #343, Newark, CA
   94560, US, US (Residence), IN (Nationality), (Designated only for: US)
 SAHOTA Jagdeep Singh, 981 Coral Ridge Road, Rodeo, CA 94572, US, US
   (Residence), US (Nationality), (Designated only for: US)
 KASHEF Forough, 45741 Vineyard Avenue, Fremont, CA 94539, US, US
   (Residence), US (Nationality), (Designated only for: US)
 HURRY Simon, 1034 Gull Avenue, Foster City, CA 94404, US, US (Residence),
   ZA (Nationality), (Designated only for: US)
Legal Representative:

MELNIK W Joseph (agent), Pepper Hamilton LLP, One Mellon Center, 50th
  Floor, 500 Grant Street, Pittsburgh, PA 15219, US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200515339 A2-A3 20050217 (WO 0515339)
  Application: WO 2004US12130 20040419 (PCT/WO US2004012130)
  Priority Application: US 2003486578 20030711
Parent Application/Grant:
  Related by Continuation to: US 2004826092 20040416 (CIP)
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
  DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
  LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
  RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
  SE SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9044
Main International Patent Class (v7): G06F
International Patent Class (v8 + Attributes)
IPC + Level Value Position Status Version Action Source Office:
  G06Q-0040/00...
Fulltext Availability:
  Detailed Description
  Claims
English Abstract
  ...for managing one or more applications deployed on a mobile electronic
  device, such as a cellular phone, are disclosed. The system and
  method enable the user of a mobile electronic device...

  ...of applications deployed on the mobile electronic device for use in a
  transaction and to authenticate himself or herself prior to
  initiating the transaction. The transaction may occur via a
  wireless interface and/or a contact-based interface. In addition,
  the system and method allow the...

Detailed Description
... 11, 2003, and entitled "A System and Method for Managing and
  Conducting Transactions over a Wireless Interface."
  INTRODUCTION
  [00021 The present invention provides a system and method for managing
  one or more applications deployed on a mobile electronic device, such as
  a cellular phone. The present invention enables the user of a
  mobile electronic device to select one...

...deployed on the mobile electronic device for use in a data transfer
transaction and to authenticate himself or herself to the
application prior to initiating the transaction. In addition, the present...

...a mobile electronic device, including adding new applications,
designating nicknames for the applications and setting
authentication codes for each application.

Claim
... claim 26 wherein the mobile electronic device comprises one or more of the following:
a cellular phone;
a removable memory card;
a subscriber information module;
a personal digital assistant;
a pager;
a walkie-talkie;
an integrated circuit cord;
a cellular phone in communication with a subscriber interaction module
a cellular phone in communication with a removable memory card;
a personal digital assistant in communication with...

...to the mobile electronic device;
receiving, from a user of the mobile electronic device, first authentication data;
receiving, from the user, an identifier for the application; and
storing the first authentication data and the identifier on the
mobile electronic device, wherein the application may be selected...

...and further wherein the application will be enabled for use when the
user enters second authentication data which is substantially
similar to the first authentication data. . The method of claim 41
wherein the first authentication data comprises one or
more of the following; an authentication code; biometric information; and a signature.

14/3,K/5   (Item 3 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT
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01112113   **Image available**
METHOD AND SYSTEM FOR FACILITATING DATA ACCESS AND MANAGEMENT ON A
SECURE TOKEN
PROCEDE ET SYSTEME PERMETTANT DE FACILITER L'ACCES ET LA GESTION DE DONNEES
SUR UN JETON SECURISE
Patent Applicant/Assignee:
 VISA INTERNATIONAL SERVICE ASSOCIATION, 900 Metro Center Boulevard,
   Foster City, CA 94404, US, US (Residence), US (Nationality)
Inventor(s):

REED Sonia, 4109 Quail Run Drive, Danville, CA 94506, US,
AABYE Christian, 260 Billingsgate Lane, Foster City, CA 94404, US,
Legal Representative:
  NG Horace H (et al) (agent), Townsend and Townsend and Crew LLP, Two
    Embarcadero Center, 8th Floor, San Francisco, CA 94111, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200434202 A2-A3 20040422 (WO 0434202)
  Application: WO 2003US31780 20031007 (PCT/WO US03031780)
  Priority Application: US 2002416937 20021007; US 2003656858 20030905
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
  AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
  CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM
  DZ EC EE (utility model) EE EG ES FI (utility model) FI GB GD GE GH GM HR
  HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW
  MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (utility model) SK SL
  SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
  SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 8887
Main International Patent Class (v7): G06F-017/30
Fulltext Availability:
Detailed Description
...[0049] Access to data contained in a cell is based on a matrix
  including possible methods and supported functions. In an exemplary implementation...

...permission or access methods including, for example, (1) signature
  inbound (SM command) - either a message authentication code (MAC)
  created using a triple DES symmetric cryptographic algorithm (TDEA)
  session-key, or an...

...TDEA session-key, or an RSA-based digital 1 5 signature; (3) encrypted
  passcode (user authentication, knowledge-based) - either an ISO
  9796-1 forinat I encrypted Passcode using a TDEA session...

...1 RSA-OAEP formatted passcode wrapped in a RSA public key; (4) clear
  passcode (user authentication, knowledge-based) - a passcode
  presented in clear text; (5) key exchange-encrypted
  (enciphen-nent/decipherment) - key is encrypted before being returned or
  decrypted before being received; and biometnics (user
  authentication, biometric-based).

...cells is controlled by the issuer of the smart card 104. The issuer can

delegate authorization for creating cells under a 'fie cell
group to a value add service provider after the a smart card has been speci
personalized, thus transferring ownership of such cell group to the
value add service provider.

...be installed after a smart card is issued. These keys control access to
cells and authentication of specific cell data. They are typically installed at the time
12 I of transferring ownership for a given cell from the issuer to the
value add service provider.

14/3,K/6   (Item 4 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT
(c) 2010 WIPO/Thomson. All rts. reserv.

01090038   **Image available**
METHODS FOR PERFORMING TRANSACTIONS IN A WIRELESS ENVIRONMENT
PROCEDES POUR EFFECTUER DES TRANSACTIONS DANS UN ENVIRONNEMENT SANS FIL
Patent Applicant/Assignee:
 VISA INTERNATIONAL SERVICE ASSOCIATION, P.O. Box 8999, Foster City, CA
   94128-8999, US, US (Residence), US (Nationality), (For all designated
   states except: US)
Patent Applicant/Inventor:
 SAHOTA Jagdeep Singh, 981 Coral Ridge Circle, Rodeo, CA 94572, US, US
   (Residence), US (Nationality), (Designated only for: US)
 OPPENLANDER Carole, 247 Arroyo Drive, Pacifica, CA 94044, US, US
   (Residence), US (Nationality), (Designated only for: US)
 HILL Trudy, 1200 E. Hillsdale #18, Foster City, CA 94404, US, US
   (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
 MELNIK W Joseph (agent), Pepper Hamilton LLP, Firm 21269, 500 Grant
   Street-50th Floor, One Mellon Center, Pittsburgh, PA 15219, US,
Patent and Priority Information (Country, Number, Date):
 Patent: WO 200412233 A2-A3 20040205 (WO 0412233)
 Application: WO 2003US23451 20030729 (PCT/WO US03023451)
 Priority Application: US 2002399274 20020729; US 2003628702 20030728
Parent Application/Grant:
 Related by Continuation to: US 2003628702 20030728 (CIP)
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
 AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
 CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM
 DZ EC EE ES FI (utility model) FI GB GD GE GH GM HR HU ID IL IN IS JP KE
 KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG
 PH PL PT RO RU SC SD SE SG SK (utility model) SK SL SY TJ TM TN TR TT TZ
 UA UG US UZ VC VN YU ZA ZM ZW
 (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE

SI SK TR
 (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
 (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 5911
Main International Patent Class (v7): G06F-017/60
Fulltext Availability:
Detailed Description
... techniques or one or more security techniques. Security techniques
 such as data encryption, dynamic data authentication, static data
 authentication, and cardholder verification methods maybe
 used as part of a transaction in the present invention. Further, in a
 preferred embodiment a method for conducting dynamic data
 authentication where the card need not remain in wireless
 communication with the terminal is included as part of the present
 invention. In the dynamic data authentication of the preferred
 embodiment, also referred to herein as fast dynamic data
 authentication, the card creates a hash of the magnetic stripe data
 on the card and includes that hashed data in the ICC Certificate which is
 utilized with standard dynamic data authentication (DDA). The
 terminal receives data from the card comprising the magnetic stripe data and the...

...been received by the terminal, the terminal needs no further data from
 the card for authentication purposes. Accordingly, the from the
 cardholder's perspective the transaction is perceived to be faster...
...with the terminal once said data has been transmitted. The terminal then
 continues processing to authenticate the data received from the
 card and perform the processing for approval or disapproval of...

...It will be apparent to one of ordinary skill in the art that such an
 authentication method will be particularly advantageous in an
 environment where quick transaction speeds (or the perception...

 14/3,K/7   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2010 Thomson Reuters. All rts. reserv.

0019296481 - Drawing available
WPI ACC NO: 2009-L53349/200949
Related WPI Acc No: 2005-120371
Data transfer application i.e. payment application, managing method for
e.g. credit card transaction, involves enabling selected transfer
application by user when user satisfies authentication mechanism, and
disabling selected application
Patent Assignee: HURRY S (HURR-I); KASHEF F (KASH-I); RAJ T A (RAJT-I);

SAHOTA J S (SAHO-I); SHENKER G (SHEN-I)
Inventor: HURRY S; KASHEF F; RAJ T A; SAHOTA J S; SHENKER G
Patent Family (1 patents, 1 countries)
Patent   Application
Number   Kind Date   Number   Kind Date   Update
US 20090179075 A1 20090716 US 2006612762   A 20061219 200949 B
                    US 2003486578   P 20030711
                    US 2004826092   A 20040416
Priority Applications (no., kind, date): US 2003486578 P 20030711; US
  2004826092 A 20040416; US 2006612762 A 20061219
Patent Details
Number   Kind Lan Pg Dwg Filing Notes
US 20090179075 A1 EN   30   6 Related to Provisional US 2003486578
                       Continuation of application US 2004826092
                       Continuation of patent US 7152782
  Alerting Abstract ...value transaction, loyalty card transaction and
coupon transaction, on a mobile electronic device e.g. cellular
phone, personal digital assistant, pager and walkie-talkie (all claimed),
that is utilized for purchasing...

...applications deployed on the electronic device for use in a data
transfer transaction and to authenticate to the application prior to
initiating the transaction. The method manages deployed applications on the...
Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
  G06F-0007/10...
  G06F-0007/06...
Original Abstracts:
...for managing one or more applications deployed on a mobile electronic
device, such as a cellular phone, are disclosed. The system and
method enable the user of a mobile electronic device...

...of applications deployed on the mobile electronic device for use in a
transaction and to authenticate himself or herself prior to
initiating the transaction. The transaction may occur via a wireless
interface and/or a contact-based interface. In addition, the system and
method allow the...
Claims:

 14/3,K/9   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0017338892 - Drawing available
WPI ACC NO: 2008-B59331/200811
Related WPI Acc No: 2008-B13489; 2008-B39382; 2008-B92571; 2008-C17585;

2008-C97862; 2008-D83046; 2008-F28725; 2008-G22906; 2008-L10524;
2009-G34418; 2009-G67309; 2009-L31539
Track data encrypting method for use in e.g. personal digital assistant,
involves receiving approval or disapproval for payment transaction after
providing secondary permanent account number
Patent Assignee: HAMMAD A (HAMM-I); VISA INT SERVICE ASSOC (VISA-N); VISA
  USA INC (VISA-N)
Inventor: CARLSON M; FAITH P; HAMMAD A; AABYE C; KARLSSON M; SAHOTA J S
Patent Family (27 patents, 121 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 20070294182	A1	20071220	US 2006815059	P	20060619	200811 B
			US 2006815430	P	20060620	
			US 2007884089	P	20070109	
			US 2007761821	A	20070612	

< removed unnecessary information>

CA 2655311   A1   EN   PCT Application   WO 2007US71376
                          Based on OPI patent   WO 2007149785

Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
 G06F-0021/20...
...G06Q-0010/00...
...G06Q-0020/00...
...G06Q-0040/00...
...G06Q-0050/00...
...G06Q-0099/00...
 G06F-0021/00...
Claims:
...CLAIM 26] A method, comprising: sending a first authorization
request message associated with a consumer conducting a transaction using a
portable wireless device; receiving a challenge message; sending a
second authorization request message including a challenge response
message; and receiving an authorization response message, wherein the
authorization response message indicates whether or not the
transaction is authorized.
[...CLAIM 26] A step for sending the second authorization request
message and method including the step [here the authorization
response message indicates whether it is not whether the transactions is
applied or not or not]receiving the authorization response message of
method comprising a step for reporting the first authorization
request message which is related to the consumer who performs the
transactions it uses: a step for receiving the test message: test response
message the hand-held wireless device...

14/3,K/11   (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0014854172 - Drawing available
WPI ACC NO: 2005-201876/200521
Related WPI Acc No: 2008-B92571
XRPX Acc No: N2005-166150
Transaction payment service authenticating method for use in financial
institution, involves generating two verification values, and disapproving
transaction when verification values are unequal
Patent Assignee: AABYE C (AABY-I); SAHOTA J S (SAHO-I); VISA INT SERVICE
  ASSOC (VISA-N)
Inventor: AABYE C; SAHOTA J S; SAHOTA J
Patent Family (7 patents, 107 countries)
Patent   Application
Number   Kind Date   Number   Kind   Date   Update
US 20050043997 A1 20050224 US 2003642878   A 20030818 200521 B
WO 2005020012   A2 20050303 WO 2004US26813 A 20040818 200521 E
EP 1656600   A2 20060517 EP 2004781493   A 20040818 200634 E
                    WO 2004US26813   A 20040818
AU 2004267784   A1 20050303 AU 2004267784   A 20040818 200670 E
KR 2006117902   A   20061117 WO 2004US26813 A 20040818 200734 E
                    KR 2006703356   A 20060217
JP 2007513529   W   20070524 WO 2004US26813 A 20040818 200735 E
                    JP 2006524010   A 20040818
SG 137855   A1 20071228 SG 200717870   A 20040818 200806 E
Priority Applications (no., kind, date): US 2003642878 A 20030818
Patent Details
Number   Kind Lan Pg Dwg Filing Notes
US 20050043997 A1 EN   14   7
WO 2005020012   A2 EN
National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW
  BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
  HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW
  MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
  TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES
  FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI
  SK SL SZ TR TZ UG ZM ZW
EP 1656600   A2 EN   PCT Application WO 2004US26813
                    Based on OPI patent   WO 2005020012
Regional Designated States,Original: AL AT BE BG CH CY CZ DE DK EE ES FI
  FR GB GR HR HU IE IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR
AU 2004267784   A1 EN   Based on OPI patent WO 2005020012
KR 2006117902   A   KO   PCT Application WO 2004US26813
                    Based on OPI patent   WO 2005020012
JP 2007513529   W   JA   15   PCT Application WO 2004US26813

SG 137855   A1 EN
Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
  ...G06Q-0020/00...
  G06F. ..
Original Abstracts:

Methods and systems for dynamically generating a verification value
for a transaction and for utilizing such value to verify the
authenticity of the payment service application. The dynamically created
verification value may be generated on a payment device, such as an
integrated circuit credit card...

...is sent by a payment device to a point of sale terminal, which generates
a verification value and embeds it into the payment data. The
embedded verification value is used by a service provider to
verify the authenticity of the transaction. The methods and systems
may be used in a contactless (wireless) environment or a non-wireless environment...

...Methods and systems for dynamically generating a verification
value for a transaction and for utilizing such value to verify the
authenticity of the payment service application. The dynamically created
verification value may be generated on a payment device, such as an
integrated circuit credit card...
...is sent by a payment device to a point of sale terminal, which generates
a verification value and embeds it into the payment data. The
embedded verification value is used by a service provider to
verify the authenticity of the transaction. The methods and systems
may be used in a contactless (wireless) environment or a non-
wireless environment...

...Methods and systems for dynamically generating a verification
value for a transaction and for utilizing such value to verify the
authenticity of the payment service application. The dynamically created
verification value may be generated on a payment device, such as an
integrated circuit credit card...

...is sent by a payment device to a point of sale terminal, which generates
a verification value and embeds it into the payment data. The
embedded verification value is used by a service provider to
verify the authenticity of the transaction. The methods and systems
may be used in a contactless (wireless) environment or a non-
wireless environment...
Claims:

II. Text Search Results from Dialog - Patents

A.   Abstract Databases

? show files;ds;cost;logoff hold
File 347:JAPIO Dec 1976-2009/Sep(Updated 091230)
       (c) 2010 JPO & JAPIO
File 350:Derwent WPIX 1963-2009/UD=201004
       (c) 2010 Thomson Reuters
File 371:French Patents 1961-2002/BOPI 200209
       (c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	4282964	TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S2	4651021	NUMBER OR NUMBERS OR CODE OR CODES OR VALUE OR VALUES OR IDENTIFIER OR IDENTIFIERS OR INDICAT?R OR INDICAT?RS
S3	1261063	COUNT OR COUNTER OR METER OR TABULAT?R OR ACCUMULATOR OR REGISTER OR TALLY
S4	9094897	GENERAT??? OR BUILD??? OR CONFIGUR? OR CONSTRUCT??? OR CREAT??? OR DEFIN??? OR DEVELOP? OR FORMULAT??? OR INSTANTIAT??? OR PRODUCE OR PRODUCING OR SYNTHESI?E? ? OR SYNTHESI?ING
S5	773202	SEQUENTIAL?? OR ITERATIVE OR ADAPTIVE OR PROGRESSIVE OR (CONTINUOUS?? OR PERPETUAL?? OR PERSISTENT?? OR REPEATING OR RECURRENT?? OR REPETITIVE)()(RECALCULAT??? OR RECOMPUT??? OR REFIGUR???) OR INTERACTIV? OR DYNAMIC? OR INTERACTIONAL
S6	306120	ENCRYPT OR ENCRYPTING OR ENCRYPTION OR ENCRYPTED OR ENCIPHER OR ENCIPHERING OR ENCIPHERED OR ENCODE OR ENCODED OR ENCODING OR CIPHER()TEXT OR SCRAMBLE OR SCRAMBLES OR SCRAMBLING
S7	207835	DECRYPT OR DECRYPTS OR DECRYPTED OR DECRYPTING OR DECRYPTION OR DECODE OR DECODING OR DECODES OR DECODED OR DECIPHER OR DECIPHER OR DECIPHERS OR DECIPHERED OR DECIPHERING OR UNSCRAMBLE OR UNSCRAMBLES OR UNSCRAMBLING OR CRYPTANALYSIS
S8	2701419	EXTRACT OR EXTRACTING OR EXTRACTION OR EXTRACTS OR EXTRACTED OR FILTER OR FILTERING OR FILTRATION OR FILTERS OR FILTERED OR DISTIL? OR CULL OR CULLS OR CULLED OR CULLING OR GLEAN OR GLEANS OR GLEANED OR GLEANING OR SIFT OR SIFTS OR SIFTING OR SIFTED OR DERIV?
S9	2905438	DECREMENT??? OR DECREAS??? OR SUBTRACT??? OR REMOV???
S10	3310320	CONCATENAT??? OR AGGREGAT??? OR INTEGRAT??? OR LINK??? OR MATCH??? OR ALIGN??? OR SYNCHRONIS? OR SYNCHRONIZ? OR SYNC OR SYNCS OR SYNCH OR SYNCHS OR COORDINAT??? OR CO()ORDINAT??? OR HARMONI?
S11	20769	S1()S2
S12	2546	S1()S3
S13	15	S4(5N)(S11(10N)S12)
S14	2	S5(10N)S13

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S15      25   S6(10N)S7(10N)S8(10N)S9(10N)S10
S16       0   S14(S)S15
S17     219   S11(S)S12
S18      19   S4 AND S5 AND S17
S19      14   S18 AND (S6 OR S7 OR S8 OR S9 OR S10)
S20      14   IDPAT (sorted in duplicate/non-duplicate order)
S21      14   IDPAT (primary/non-duplicate records only)
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21/AN,AZ,TI/1   (Item 1 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0017708275
Card verification value generating method for transaction conducted
using portable consumer device e.g. credit card, involves receiving
dynamic data unit e.g. counter, and verification value derived
from dynamic data unit
Original Titles:
Verification Error Reduction System
Local Applications (No Type Date): US 2006815059 P 20060619; US
  2006815430 P 20060620; US 2007884089 P 20070109; US 2007764370 A 20070618
Priority Applications (no., kind, date): US 2006815059 P 20060619; US
  2006815430 P 20060620; US 2007884089 P 20070109; US 2007764370 A 20070618

21/AN,AZ,TI/2   (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0015639869
Authorizing method for remote financial transaction involves determining
personalization data in dynamic authentication code generated
by mobile processing device based on data associated with account secret
data in authorization database
Original Titles:
Method and system using dynamic authentication codes for authentication of transactions
VERFAHREN UND SYSTEM ZUM AUTORISIEREN EINER TRANSAKTION UNTER
VERWENDUNG EINES DYNAMISCHEN AUTORISIERUNGSCODES
METHOD AND SYSTEM FOR AUTHORIZING A TRANSACTION USING A DYNAMIC
AUTHORIZATION CODE
PROCEDE ET SYSTEME POUR L'AUTORISATION D'UNE TRANSACTION UTILISANT UN
CODE D'AUTORISATION DYNAMIQUE
Local Applications (No Type Date): WO 2005US29758 A 20050818; EP
  2005791626 A 20050818; WO 2005US29758 A 20050818; AU 2005277198 A
  20050818; WO 2005US29758 A 20050818; IN 2007MN380 A 20070314; WO
  2005US29758 A 20050818; KR 2007705708 A 20070312; US 2004602594 P
  20040818; WO 2005US29758 A 20050818; US 2007675723 A 20070216; CN
  200580028482 A 20050818; WO 2005US29758 A 20050818; WO 2005US29758 A
  20050818; JP 2007528084 A 20050818; BR 200514505 A 20050818; WO
  2005US29758 A 20050818; ZA 20072057 A 20070309; WO 2005US29758 A
  20050818; MX 20071923 A 20070216

Priority Applications (no., kind, date): US 2004602594 P 20040818; WO
  2005US29758 A 20050818; US 2007675723 A 20070216

Method for integrating proximity payment card transaction parameters
in formatted data structure, involves storing proximity payment card
transaction parameters in unused space identified in data structure, using
bitmap stored in card
Original Titles:
Method and system for transmitting non-contact payment card trading
variable with standardized data format using bitmap
VERFAHREN UND SYSTEM MIT EINER BITMAP ZUM WEITERGEBEN VON
TRANSAKTIONSVARIABLEN KONTAKTLOSER BEZAHLUNGSKARTEN IN
STANDARDISIERTEN DATENFORMATEN
METHOD AND SYSTEM USING A BITMAP FOR PASSING CONTACTLESS PAYMENT CARD
TRANSACTION VARIABLES IN STANDARDIZED DATA FORMATS
PROCEDE ET SYSTEME UTILISANT UN TOPOGRAMME BINAIRE POUR TRANSMETTRE DES
VARIABLES DE TRANSACTIONS DE CARTE DE PAIEMENT SANS CONTACT DANS DES
FORMATS DE DONNEES NORMALISES
Local Applications (No Type Date): US 2004588624 P 20040715; US
  2005182351 A 20050715; WO 2005US25221 A 20050715; AU 2005274950 A
  20050715; EP 2005773486 A 20050715; WO 2005US25221 A 20050715; KR
  2007703732 A 20070215; WO 2005US25221 A 20050715; IN 2007MN202 A
  20070209; WO 2005US25221 A 20050715; MX 2007475 A 20070112; WO
  2005US25221 A 20050715; CN 200580028587 A 20050715; WO 2005US25221 A
  20050715; JP 2007521696 A 20050715; WO 2005US25221 A 20050715; BR
  200513375 A 20050715; WO 2005US25221 A 20050715; ZA 20071126 A 20070207
Priority Applications (no., kind, date): US 2004588624 P 20040715; US
  2005182351 A 20050715

Coded data for authentication of object e.g. credit card, lottery ticket,
stores portion of digital signature as identity and padding including random number
Original Titles:
Signature verifying object encoding with many data parts
Method and device for tracking security document
AUTHENTIFIKATION EINES OBJEKTS UNTER VERWENDUNG EINER IN EINER ANZAHL VON
DATENTEILEN CODIERTEN SIGNATUR
AUTHENTICATION OF AN OBJECT USING A SIGNATURE ENCODED IN A NUMBER OF DATA
PORTIONS
AUTHENTIFICATION D'UN OBJET AU MOYEN D'UNE SIGNATURE CODEE DANS UN
CERTAIN NOMBRE DE PARTIES DE DONNEES

Authentication of object using signature encoded in number of data portions
Method for authentication of pharmaceutical products
Interactive pharmaceutical product packaging
Pharmaceutical procuct packaging

Coded data including a distributed data stream
Coded data including a digital signature with padding
Coded data associated with an object and encoding a distributed signature
Method for identifying a counterfeit security document
Method for remote authentication of pharmaceutical products
Method for identifying duplicated pharmaceutical product packaging
Local Applications (No Type Date): WO 2005AU65 A 20050124; US 200541625
  A 20050125; US 200541624 A 20050125; US 200541626 A 20050125; US
  200541627 A 20050125; US 200541580 A 20050125; US 200541723 A

  20050124; AU 2008221545 A 20080919; WO 2005AU65 A 20050124; IN
  2006CN4250 A 20061117; US 200541610 A 20050125
Priority Applications (no., kind, date): AU 2004902623 A 20040518; AU
  2005243106 A 20050124; AU 2008221545 A 20080919

 21/AN,AZ,TI/5   (Item 5 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0013568686
Large-scale integrated circuit for mobile telephone, controls call of
clock control library and change of register value by application program
stored in read only memory
Original Titles:
SYSTEM LSI
Local Applications (No Type Date): US 2002251755 A 20020923; JP 200247696
  A 20020225; US 2002251755 A 20020923; JP 200247696 A 20020225
Priority Applications (no., kind, date): JP 200247696   A 20020225; US
  2002251755 A 20020923

 21/AN,AZ,TI/6   (Item 6 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0013094070
Unauthorized use of proprietary data prevention apparatus e.g. for credit
card security, has user bio-metric sensor integrated which provides
authentication data for user to access programmed security key from a processor
Original Titles:
BIOMETRISCHE CHIPKARTE, LESER FUR BIOMETRISCHE CHIPKARTE UND

BENUTZUNGSVERFAHREN
A BIO-METRIC SMART CARD, BIO-METRIC SMART CARD READER, AND METHOD OF USE
CARTE INTELLIGENTE BIOMETRIQUE, SON LECTEUR ET PROCEDE D'UTILISATION
Local Applications (No Type Date): WO 2002US13263 A 20020426; EP
 2002766828 A 20020426; WO 2002US13263 A 20020426; AU 2002308486 A
 20020426
Priority Applications (no., kind, date): US 2001843572 A 20010426

 21/AN,AZ,TI/7   (Item 7 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0008921004
Scrolling control method for display device used in PC and work station -
involves scrolling display contents along direction of variation in contact
coordinates when contact with screen is maintained after contacting
operation corresponding to scroll area
Original Titles:
METHOD FOR CONTROLLING DISPLAY CONTENT OF DISPLAY DEVICE
Human interactive type display system
Local Applications (No Type Date): JP 19972630 A 19970110; US 1997891102
  A 19970710; US 1997891102 A 19970710; US 2000568982 A 20000511; US
  1997891102 A 19970710; US 2000568982 A 20000511; US 2003704652 A 20031112
Priority Applications (no., kind, date): JP 19972630 A 19970110

 21/AN,AZ,TI/8   (Item 8 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0008386941
Non-volatile memory array endurance test method for e.g. mask programmable
memory - forming BILBO register on same chip as memory to be tested to
check information in control ROM and to latch output data from it,
microsequencer being caused to receive endurance test command while BILBO
register counts test cycles
Original Titles:
Verfahren und Vorrichtung zur Pruefung einer Speicher-integrierten Schaltung
A method and apparatus for testing an integrated circuit memory array
Procede et dispositif pour tester un circuit integre de memoire
DURABILITY TEST METHOD FOR MEMORY ARRAY AND MONITOR CIRCUIT FOR NUMBER
OF SPECIFIED FORMAT TEST
On-chip automatic procedures for memory testing.
Local Applications (No Type Date): US 1996659811 A 19960607; EP
  1997109197 A 19970606; JP 1997149725 A 19970606; TW 1997107500 A
  19970606; KR 199723324 A 19970605; EP 1997109197 A 19970606; DE
  69726219 A 19970606; EP 1997109197 A 19970606
Priority Applications (no., kind, date): US 1996659811 A 19960607

21/AN,AZ,TI/9   (Item 9 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0008061768
Processing unit for executing breakpoint and trace functions in real-time -
in which control register stores trigger response value for determining
function executed by processor when breakpoint signal is asserted
Original Titles:
Datenprozessor mit eingebauter Emulationsschaltung
Data processor with built-in emulation circuit
Processeur de donnees avec circuit d'emulation incorpore
DATA PROCESSOR
Data processing system for performing a debug function and method therefor.
Local Applications (No Type Date): EP 1996113470 A 19960822; JP
  1996239887 A 19960822; KR 199635679 A 19960827; US 1995520943 A
  19950830; EP 1996113470 A 19960822; DE 69616463 A 19960822; EP
  1996113470 A 19960822; KR 199635679 A 19960827
Priority Applications (no., kind, date): US 1995520943 A 19950830; EP
  1996113470 A 19960822

21/AN,AZ,TI/10   (Item 10 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0007893544
Printer recording head scanning - selecting recording mode corresp. to
recording area in each of divided areas based on combination of information
according to count value previously obtained from counter
Original Titles:
Verfahren und Apparat zur Bildaufzeichnung
Image recording method and apparatus
Procede et appareil d'enregistrement d'images
METHOD AND DEVICE FOR RECORDING IMAGE
Image recording method and apparatus.
Local Applications (No Type Date): EP 1995305708 A 19950816; JP
  1994199827 A 19940824; EP 1995305708 A 19950816; US 1995515214 A
  19950815; JP 1994199827 A 19940824; EP 1995305708 A 19950816; DE
  69531474 A 19950816; EP 1995305708 A 19950816
Priority Applications (no., kind, date): JP 1994199827 A 19940824; EP
  1995305708 A 19950816

21/AN,AZ,TI/11   (Item 11 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0007719038
Redundant load elimination method for optimising compiler - eliminating
LOAD instruction for each increment of iterative loop and including
instruction in compiled program to copy value of memory operation to register
Original Titles:
Redundant load elimination on optimizing compilers.

Local Applications (No Type Date): US 1994307216 A 19940916
Priority Applications (no., kind, date): US 1994307216 A 19940916

21/AN,AZ,TI/12   (Item 12 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0007286710
Dynamically allocating physical registers to procedures - involves
storing stack pointer values in parameter passing registers when procedure
is called and mapping used virtual registers
Original Titles:
Vorrichtung zur Registersicherstellung und Umspeicherung in einem digitalen Rechner
Apparatus for register saving and restoring in a digital computer
Dispositif pour la sauvegarde et la restauration de registres dans un calculateur
numerique
REGISTER ASSIGNMENT METHOD AND REGISTER FILE PORT ACCESS DEVICE
Dynamic allocation of registers to procedures in a digital computer.
Local Applications (No Type Date): EP 1995104498 A 19950327; JP
  1995108056 A 19950406; US 1994223804 A 19940406; US 1996629041 A
  19960412; EP 1995104498 A 19950327; JP 1995108056 A 19950406
Priority Applications (no., kind, date): US 1994223804 A 19940406; US
  1996629041 A 19960412

21/AN,AZ,TI/13   (Item 13 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0005794781
Motor drive camera shutter - comprises lamellae with signal edges in
bordering region for opening or closing according to rotation of motor
Original Titles:
Kameraverschluss
Camera shutter
Local Applications (No Type Date): DE 4120450 A 19910620; GB 1991113597
  A 19910624; US 1991719866 A 19910624; GB 199113597 A 19910624
Priority Applications (no., kind, date): JP 199067123 U 19900625

21/AN,AZ,TI/14   (Item 14 from file: 350)
DIALOG(R)File 350:(c) 2010 Thomson Reuters. All rts. reserv.
0005466298
Control appts. with separate sequence memory - has control which changes
count by predetermined amount when each of events of operation is completed
Original Titles:
Folgensteuerungsgeraet mit separatem Folgespeicher und Blockierungs-
Bedingungsspeicher
Sequence control apparatus having separate sequence memory and interlock condition
memory
Appareil a commande sequentielle avec memoire separee et une memoire a

conditions de blocage

Local Applications (No Type Date): EP 1990116765 A 19900831; US 1990575493 A 19900830; EP 1990116765 A 19900831; DE 69023836 A 19900831; EP 1990116765 A 19900831

Priority Applications (no., kind, date): JP 1989228148 A 19890901

21/3,K/1   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2010 Thomson Reuters. All rts. reserv.

0017708275 - Drawing available
WPI ACC NO: 2008-F28725/200835
Related WPI Acc No: 2008-B13489; 2008-B39382; 2008-B59331; 2008-B92571;
 2008-C17585; 2008-C97862; 2008-D83046; 2008-G22906; 2008-L10524;
 2009-G34418; 2009-G67309; 2009-L31539
Card verification value generating method for transaction conducted
using portable consumer device e.g. credit card, involves receiving
dynamic data unit e.g. counter, and verification value derived from dynamic data unit
Patent Assignee: FAITH P (FAIT-I); HAMMAD A (HAMM-I)
Inventor: FAITH P; HAMMAD A
Patent Family (1 patents, 1 countries)
Patent   Application
Number   Kind Date   Number   Kind Date   Update
US 20080065553 A1 20080313 US 2006815059   P 20060619 200835 B
                         US 2006815430   P 20060620
                         US 2007884089   P 20070109
                         US 2007764370   A 20070618
Priority Applications (no., kind, date): US 2006815059 P 20060619; US
 2006815430 P 20060620; US 2007884089 P 20070109; US 2007764370 A 20070618
Patent Details
Number   Kind Lan Pg Dwg Filing Notes
US 20080065553 A1 EN   14   7 Related to Provisional US 2006815059
                         Related to Provisional US 2006815430
                         Related to Provisional US 2007884089
 Alerting Abstract ...NOVELTY - The method involves receiving a
dynamic data unit e.g. counter, and a verification value
derived from the dynamic data unit, and determining if the data
unit is within a predetermined range. The verification value is
generated in response to a transaction i.e. purchase transaction,
conducted using a portable consumer device e.g. credit card. Another
verification value is generated, and a determination is made whether
the latter value matches the former value or whether the latter value
is acceptable. An approval of the transaction is initiated when the latter
value matches the former value....a computer readable medium
comprising a code for receiving a dynamic data unit and a
verification value derived from the dynamic data unit a
computer comprising the computer readable medium that has a code for
receiving a dynamic data unit...

...USE - Method for generating a card verification value for each
transaction conducted using a portable consumer device e.g...

...ADVANTAGE - The method dynamically verifies the authenticity of
the payment service deployed on the portable consumer device...

...DESCRIPTION OF DRAWINGS - The drawing shows a flow diagram of a method for generating a dynamically generated card verification value for each transaction...

...102 Application transaction counter

...106 Concatenated value...

...120, 126, 130, 134 Encryption keys

Title Terms.../Index Terms/Additional Words: GENERATE; ...

...DYNAMIC; ...

...DERIVATIVE

Original Abstracts:
A method is disclosed. The method includes a) receiving a dynamic data element and a first verification value derived from the dynamic data element, wherein the first verification value is generated in response to a transaction conducted using a portable consumer device, b) determining if the dynamic data element is within a predetermined range, c) if the dynamic data element is within the predetermined range, generating a second verification value, d) determining if the second verification value matches the first verification value, or if the second verification value is otherwise acceptable, and e) initiating the approval the transaction if the second verification value matches the first verification value.

Claims:
What is claimed is:1. A method comprising:a) receiving a dynamic data element and a first verification value derived from the dynamic data element, wherein the first verification value is generated in response to a transaction conducted using a portable consumer device;b) determining if the dynamic data element is within a predetermined range;c) generating a second verification value;d) determining if the second verification value matches the first verification value, or if the second verification value is otherwise acceptable; ande) initiating the approval the transaction if the second verification value matches the first verification value, or if the second verification value is otherwise acceptable.

21/3,K/2   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2010 Thomson Reuters. All rts. reserv.

0015639869 - Drawing available
WPI ACC NO: 2006-204047/200621

XRPX Acc No: N2006-175652
Authorizing method for remote financial transaction involves determining
personalization data in dynamic authentication code generated
by mobile processing device based on data associated with account secret
data in authorization database
Patent Assignee: MASTERCARD INT INC (MAST-N); WANKMUELLER J (WANK-I)
Inventor: WANKMUELLER J
Patent Family (11 patents, 110 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 2006023839	A2	20060302	WO 2005US29758	A	20050818	200621	B
EP 1810243	A2	20070725	EP 2005791626	A	20050818	200750	E
			WO 2005US29758	A	20050818		
AU 2005277198	A1	20060302	AU 2005277198	A	20050818	200759	E
IN 200700380	P3	20070720	WO 2005US29758	A	20050818	200770	E
			IN 2007MN380	A	20070314		
KR 2007053748	A	20070525	WO 2005US29758	A	20050818	200804	E
			KR 2007705708	A	20070312		
US 20080040285	A1	20080214	US 2004602594	P	20040818	200813	E
			WO 2005US29758	A	20050818		
			US 2007675723	A	20070216		
CN 101048794	A	20071003	CN 200580028482	A	20050818	200816	E
			WO 2005US29758	A	20050818		
JP 2008511060	W	20080410	WO 2005US29758	A	20050818	200827	E
			JP 2007528084	A	20050818		
BR 200514505	A	20080610	BR 200514505	A	20050818	200847	E
			WO 2005US29758	A	20050818		
ZA 200702057	A	20080730	ZA 20072057	A	20070309	200861	E
MX 2007001923	A1	20080831	WO 2005US29758	A	20050818	200944	E
			MX 20071923	A	20070216		

Priority Applications (no., kind, date): US 2004602594 P 20040818; WO
  2005US29758 A 20050818; US 2007675723 A 20070216
Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2006023839	A2	EN	21	3	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW
  BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
  HU ID IL IN IS JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN
  MW MX MZ NA NG NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ
  TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES
  FI FR GB GH GM GR HU IE IS IT KE LS LT LU LV MC MW MZ NA NL OA PL PT RO
  SD SE SI SK SL SZ TR TZ UG ZM ZW

EP 1810243	A2	EN	PCT Application WO 2005US29758

                    Based on OPI patent WO 2006023839
Regional Designated States,Original: AT AT BA BE BG CH CY CZ DE DK EE ES
  FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU

AU 2005277198	A1	EN	Based on OPI patent WO 2006023839

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IN 200700380    P3  EN          PCT Application  WO 2005US29758
KR 2007053748   A   KO          PCT Application  WO 2005US29758
                        Based on OPI patent   WO 2006023839
US 20080040285  A1  EN          Related to Provisional  US 2004602594
                        Continuation of application  WO  2005US29758
CN 101048794    A   ZH          PCT Application  WO 2005US29758
                        Based on OPI patent   WO 2006023839
JP 2008511060   W   JA   13     PCT Application  WO 2005US29758
                        Based on OPI patent   WO 2006023839
BR 200514505    A   PT          PCT Application  WO 2005US29758
                        Based on OPI patent   WO 2006023839
ZA 200702057    A   EN   25
MX 2007001923   A1  ES          PCT Application  WO 2005US29758
                        Based on OPI patent   WO 2006023839
```

Original Titles:

Method and system using dynamic authentication codes for
authentication of transactions...

...METHOD AND SYSTEM FOR AUTHORIZING A TRANSACTION USING A DYNAMIC
AUTHORIZATION CODE...

  Alerting Abstract ...NOVELTY - Personalization data in a dynamic
authentication code generated by a mobile processing device are
determined based on data associated with account secret data...

Title Terms.../Index Terms/Additional Words: DYNAMIC; ...

...GENERATE;

Original Abstracts:

A method and a system for executing secure transactions includes
generate dynamic authentication codes in mobile devices based
on private data of incapable identified accounts. The authentication...

...A method and apparatus for conducting a secure transaction involving
generation of a dynamic authentication code on a mobile device,
based on secret data which does not identify an...

...A method and apparatus for conducting a secure transaction involving
generation of a dynamic authentication code on a mobile device,
based on secret data which does not identify an...

...A method and apparatus for conducting a secure transaction involving
generation of a dynamic authentication code on a mobile device,
based on secret data which does not identify an...

Claims:

...correlate private data of account with the only financial account
identifier in the authentication database; generate individual data
at least partially based on data correlated with the private data of account...

< removed unnecessary information>

...comprising: associating account secret data with a unique financial
account identifier in an authorization database; generating

personalization data based at least in part on data associated with said
account secret data...

...request to authorize a transaction, said request including said unique
financial account identifier and a dynamic authentication code
generated by said mobile processing device;determining whether said
dynamic authentication code was generated by a mobile
processing device containing personalization data that was generated
at least in part based on data associated with said account secret data
associated with

21/3,K/8   (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0008386941 - Drawing available
WPI ACC NO: 1997-502587/199746
XRPX Acc No: N1997-418974
Non-volatile memory array endurance test method for e.g. mask programmable
memory - forming BILBO register on same chip as memory to be tested to
check information in control ROM and to latch output data from it,
microsequencer being caused to receive endurance test command while BILBO
register counts test cycles
Patent Assignee: TEXAS INSTR INC (TEXI)
Inventor: LEUNG Y J; LEUNG Y Y J; YU-YING J L
Patent Family (7 patents, 21 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 5675546	A	19971007	US 1996659811	A	19960607	199746	B
EP 811989	A2	19971210	EP 1997109197	A	19970606	199803	E
JP 10083700	A	19980331	JP 1997149725	A	19970606	199823	E
TW 324825	A	19980111	TW 1997107500	A	19970606	199828	E
KR 1998006434	A	19980330	KR 199723324	A	19970605	199905	E
EP 811989	B1	20031119	EP 1997109197	A	19970606	200377	E
DE 69726219	E	20031224	DE 69726219	A	19970606	200408	E
			EP 1997109197	A	19970606		

Priority Applications (no., kind, date): US 1996659811 A 19960607
Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5675546	A	EN	12	7	
EP 811989	A2	EN	14	7	

Regional Designated States,Original: AT BE CH DE DK ES FI FR GB GR IE IT
   LI LU MC NL PT SE

JP 10083700	A	JA	16		
TW 324825	A	ZH			
EP 811989	B1	EN			

Regional Designated States,Original: DE FR GB IT NL

DE 69726219   E   DE   Application EP 1997109197
Based on OPI patent EP 811989
Original Titles:
...A method and apparatus for testing an integrated circuit memory array...

  Alerting Abstract ...to furnish a signal to the control ROM. The
incrementer takes the multiplexer signal to generate a next microcode
address. The BILBO register, usable as a counter, then checks information in...

...requires fewer external status checks. External tester may have smaller
number of I/O pins, decreasing cost of external test hardware.
Original Abstracts:
...invention permit the external tester to have a smaller number of
input/output pins (CONTROL), decreasing the cost of the
external test hardware. Specifically, the endurance test (Autocycle),
automatically cycles the memory chip through any...

...invention permit the external tester to have a smaller number of
input/output pins (CONTROL), decreasing the cost of the external test
hardware. Specifically, the endurance test (Autocycle), automatically
cycles the memory chip through any combination of programming, erasing, and...
Claims:
...said instruction decoder controlling a subroutine stack, including a
program counter multiplexer for receiving said operation code,
for receiving a second signal from said subroutine stack, and
for receiving a third signal from an incrementer, said program counter...

< removed unnecessary information>

...causing said microsequencer to receive an endurance test command;
andusing said built-in-logic-block-observation register to count the
number of endurance test cycles.

21/3,K/14   (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0005466298 - Drawing available
WPI ACC NO: 1991-067034/199110
XRPX Acc No: N1991-051876
Control appts. with separate sequence memory - has control which changes
count by predetermined amount when each of events of operation is completed
Patent Assignee: FUJI MACH MFG CO LT (FUJI-N); FUJI MACHINE MFG CO LTD (FUJI-N)
Inventor: KAMOSHITA S; KOUMURA K; OKADA M; SUGIURA M
Patent Family (4 patents, 14 countries)
Patent   Application
Number   Kind Date Number   Kind Date Update

```
EP 415445      A  19910306 EP 1990116765   A  19900831  199110  B
US 5128857     A  19920707 US 1990575493   A  19900830  199230  E
EP 415445      B1 19951129 EP 1990116765   A  19900831  199601  E
DE 69023836    E  19960111 DE 69023836     A  19900831  199607  E
               EP 1990116765   A  19900831
```

Priority Applications (no., kind, date): JP 1989228148 A 19890901

Patent Details

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Number        Kind Lan  Pg  Dwg  Filing Notes
EP 415445      A   EN
```

Regional Designated States,Original: AT BE CH DE ES FR GB GR IT LI LU NL SE

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US 5128857     A   EN    27   8
EP 415445      B1  EN    39   8
```

Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IT LI LU NL SE

```
DE 69023836    E   DE          Application  EP 1990116765
                    Based on OPI patent   EP 415445
```

Alerting Abstract ...The sequence control appts. includes a counter (22)
which sequentially designates memory areas of a sequence memory (24)
to read out respective sets of operation commands to represent respective
events of operation of a controllable device (50). The counter also
sequentially designates memory areas of an interlock condition memory
(26) to read out respective sets of...

...When each event of operation is completed, the counter is incremented or
decremented, and the conditions of the controllable device are
checked to determine whether the set of...

  Equivalent Alerting Abstract ...The device includes a counter which
sequentially designates memory areas of a sequence memory to read out
respective sets of operation commands to represent respective events of
operation of a controllable device. The counter also sequentially
designates memory areas of an interlock condition memory to read out
respective sets of interlock...

...When each event of operation is completed, the counter is incremented or
decremented, and the conditions of the controllable device are
checked to determine whether the set of...

Original Abstracts:
A sequence control apparatus including a counter (22) which
sequentially designates memory areas of a sequence memory (24)
to read out respective sets of operation commands to represent respective
events of operation of a controllable device (50). The counter also
sequentially designates memory areas of an interlock condition
memory (26) to read out respective sets of interlock conditions that should...

< removed unnecessary information>

...1. A sequence control apparatus for generating a plurality of sets
of operation commands adapted for performing respective events of operation

in a predetermined sequence on a controllable device (50), comprising
a) a counter (22) whose count is changeable by a predetermined incremental
or decremental amount,   b) a sequence memory (24) having a plurality
of memory areas storing said plurality of sets of operation commands,
respectively, and   c) a controller (10) for sequentially
applying said sets of operation commands to said controllable device (50)
according to respective count values of said counter (22), said
sequence control apparatus being characterized in that   d) said
sequence memory (24) is part of a random-access memory (16...

...satisfied for said respective events of operation to be performed
according to said sets of operation commands, respectively;
f) a current status memory (30) is provided for storing status data representative of

B.   Full-Text Databases

? show files;ds;cost;logoff hold
File 348:EUROPEAN PATENTS 1978-201002
      (c) 2010 European Patent Office
File 349:PCT FULLTEXT 1979-2010/UB= 20100107|UT= 20091231
      (c) 2010 WIPO/Thomson

Set   Items   Description
S1   1939630   TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY
           OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S2   1939630   TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY
           OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S3   1524111   NUMBER OR NUMBERS OR CODE OR CODES OR VALUE OR VALUES OR I-
           DENTIFIER OR IDENTIFIERS OR INDICAT?R OR INDICAT?RS
S4   479608   COUNT OR COUNTER OR METER OR TABULAT?R OR ACCUMULATOR OR R-
           EGISTER OR TALLY
S5   1799545   GENERAT??? OR BUILD??? OR CONFIGUR? OR CONSTRUCT??? OR CRE-
           AT??? OR DEFIN??? OR DEVELOP? OR FORMULAT??? OR INSTANTIAT???
           OR PRODUCE OR PRODUCING OR SYNTHESI?E? ? OR SYNTHESI?ING
S6   596099   SEQUENTIAL?? OR ITERATIVE OR ADAPTIVE OR PROGRESSIVE OR (C-
           ONTINUOUS?? OR PERPETUAL?? OR PERSISTENT?? OR REPEATING OR RE-
           CURRENT?? OR REPETITIVE)()(RECALCULAT??? OR RECOMPUT??? OR RE-
           FIGUR???) OR INTERACTIV? OR DYNAMIC? OR INTERACTIONAL
S7   275608   ENCRYPT OR ENCRYPTING OR ENCRYPTION OR ENCRYPTED OR ENCIPH-
           ER OR ENCIPHERED OR ENCIPHERED OR ENCODE OR ENCODED OR ENCOD-
           ING OR CIPHER()TEXT OR SCRAMBLE OR SCRAMBLES OR SCRAMBLING
S8   137884   DECRYPT OR DECRYPTS OR DECRYPTED OR DECRYPTING OR DECRYPTI-
           ON OR DECODE OR DECODING OR DECODES OR DECODED OR DECIPHER OR
           DECIPHER OR DECIPHERS OR DECIPHERED OR DECIPHERING OR UNSCRAM-
           BLE OR UNSCRAMBLES OR UNSCRAMBLING OR CRYPTANALYSIS
S9   1043476   EXTRACT OR EXTRACTING OR EXTRACTION OR EXTRACTS OR EXTRACT-
           ED OR FILTER OR FILTERING OR FILTRATION OR FILTERS OR FILTERED
           OR DISTIL? OR CULL OR CULLS OR CULLED OR CULLING OR GLEAN OR
           GLEANS OR GLEANED OR GLEANING OR SIFT OR SIFTS OR SIFTING OR -
           SIFTED OR DERIV?
S10   1271942   DECREMENT??? OR DECREAS??? OR SUBTRACT??? OR REMOV???
S11   1233948   CONCATENAT??? OR AGGREGAT??? OR INTEGRAT??? OR LINK??? OR -
           MATCH??? OR ALIGN??? OR SYNCHRONIS? OR SYNCHRONIZ? OR SYNC OR
           SYNCS OR SYNCH OR SYNCHS OR COORDINAT??? OR CO()ORDINAT??? OR
           HARMONI?
S12   21479   S2()S3
S13   2424   S2()S4
S14   17   S5(5N)(S12(10N)S13)
S15   2   S6(10N)S14
S16   107   S7(10N)S8(10N)S9(10N)S10(10N)S11
S17   92267   S2(2N)S3

```
S18     19567   S2(2N)S4
S19       191   S5(7N)(S17(15N)S18)
S20        18   S6(15N)S19
S21        32   S6(S)S19
S22        18   S21(S)(S7 OR S8 OR S9 OR S10 OR S11)
S23        27   S20 OR S22
S24        18   S23 AND IC= (G06F OR G06Q)
S25        18   IDPAT (sorted in duplicate/non-duplicate order)
S26        18   IDPAT (primary/non-duplicate records only)
```

 26/AN,AZ,TI/1   (Item 1 from file: 348)
DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
02615076
Systems and methods for secure transaction management and electronic rights protection
Systeme und Verfahren zur Verwaltung sicherer Transaktionen und zum Schutz
    der elektronischen Rechte
Systemes et procedes de gestion de transactions securisees et de protection
    des droits electroniques
APPLICATION (CC, No, Date):   EP 2008105555 960213;
PRIORITY (CC, No, Date): US 388107 950213

 26/AN,AZ,TI/2   (Item 2 from file: 348)
DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
00961471
Method for quickly generating successive pseudorandom numbers
Verfahren zur schnellen Erzeugung aufeinanderfolgender Pseudozufallszahlen
Procede de generation rapide de nombres pseudoaleatoires successifs
APPLICATION (CC, No, Date):   EP 98201725 940629;
PRIORITY (CC, No, Date): US 86080 930630

 26/AN,AZ,TI/3   (Item 3 from file: 348)
DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
00711606
Start code detector for image sequences
Detektor fur den Startcode von Bildsequenzen
Detecteur de code de depart pour sequences d'images
APPLICATION (CC, No, Date):   EP 95301301 950228;
PRIORITY (CC, No, Date): GB 9405914 940324

 26/AN,AZ,TI/4   (Item 4 from file: 348)
DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
00711605
Reconfigurable data processing stage
Rekonfigurierbare Datenverarbeitungsstufe

Etage d'operation de donnees reconfigurable
APPLICATION (CC, No, Date):   EP 95301300 950228;
PRIORITY (CC, No, Date): GB 9405914 940324

 26/AN,AZ,TI/5   (Item 5 from file: 348)
DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
00484093
Reconfigurable sequential processor.
Rekonfigurierbarer, sequentiel arbeitender Prozessor.
Processeur sequentiel reconfigurable.
APPLICATION (CC, No, Date):   EP 91304780 910528;
PRIORITY (CC, No, Date): US 647557 910129

 26/AN,AZ,TI/6   (Item 6 from file: 348)
DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
00314249
Franking machine system.
Frankiermaschinensystem.
Systeme de machine a affranchir.
APPLICATION (CC, No, Date):   EP 88306278 880708;
PRIORITY (CC, No, Date): GB 8716184 870709

 26/AN,AZ,TI/7   (Item 7 from file: 348)
DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
00306062
Digital data processing system.
Digitales Datenverarbeitungssystem.
Systeme du traitement de donnees numeriques.
APPLICATION (CC, No, Date):   EP 88200921 820521;
PRIORITY (CC, No, Date): US 266413 810522; US 266539 810522; US 266521
    810522; US 266415 810522; US 266409 810522; US 266424 810522; US 266421
    810522; US 266404 810522; US 266414 810522; US 266532 810522; US 266403
    810522; US 266408 810522; US 266401 810522; US 266524 810522

 26/AN,AZ,TI/8   (Item 8 from file: 348)
DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
00306058
Digital data processing system.
Digitales Datenverarbeitungssystem.
Systeme de traitement de donnees numeriques.
APPLICATION (CC, No, Date):   EP 88200917 820521;
PRIORITY (CC, No, Date): US 266404 810522

26/AN,AZ,TI/9   (Item 9 from file: 348)
DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
00306057
Digital data processing system.
Digitales Datenverarbeitungssystem.
Systeme de traitement de donnees numeriques.
APPLICATION (CC, No, Date):   EP 88200916 820521;
PRIORITY (CC, No, Date): US 266401 810522

26/AN,AZ,TI/10   (Item 10 from file: 348)
DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
00296046
Programmable data path width in a programmable unit having plural levels of
    subinstruction sets.
Programmierbare Datenpfadbreite in einer programmierbaren Einheit mit
    mehreren Niveaus von Unterbefehlssatzen.
Largeur de bus de donnees programmable dans une unite programmable a
    plusieurs niveaux de jeux de sous-instructions.
APPLICATION (CC, No, Date):   EP 88112570 850926;
PRIORITY (CC, No, Date): US 656247 841001; US 656547 841001

26/AN,AZ,TI/11   (Item 11 from file: 348)
DIALOG(R)File 348:(c) 2010 European Patent Office. All rts. reserv.
00249490
Fail safe architecture for a computer system
Ausfallsichere Architektur fur ein Rechnersystem
Architecture sure contre les defaillances pour un systeme de calculateur
APPLICATION (CC, No, Date):   EP 87400709 870331;
PRIORITY (CC, No, Date): US 846159 860331

26/AN,AZ,TI/12   (Item 12 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
01663585
DYNAMIC MAGNETIC STRIPE
BANDE MAGNETIQUE DYNAMIQUE
  Application: WO 2007US84994 20071116 (PCT/WO US2007084994)

26/AN,AZ,TI/13   (Item 13 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
01601542
PORTABLE CONSUMER DEVICE CONFIGURED TO GENERATE DYNAMIC AUTHENTICATION
DATA
dispositif grand public portable configure pour generer des donnees
    d'authentification dynamique
  Application: WO 2007US71518 20070619 (PCT/WO US2007071518)

26/AN,AZ,TI/14   (Item 14 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
01531693
METHODS AND SYSTEMS FOR TWO-FACTOR AUTHENTICATION USING CONTACTLESS
CHIP CARDS OR DEVICES AND MOBILE DEVICES OR DEDICATED PERSONAL READERS
METHODES ET SYSTEMES PERMETTANT UNE AUTHENTIFICATION A DEUX FACTEURS,
   FAISANT INTERVENIR DES DISPOSITIFS OU DES CARTES A PUCE SANS CONTACT,
   ET DISPOSITIFS MOBILES OU LECTEURS PERSONNELS SPECIFIQUES ASSOCIES
 Application: WO 2006US62554 20061222 (PCT/WO US2006062554)

 26/AN,AZ,TI/15   (Item 15 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
01493117
DEVICE, SYSTEM AND METHOD FOR REDUCING AN INTERACTION TIME FOR A
   CONTACTLESS TRANSACTION
DISPOSITIF, SYSTEME ET PROCEDE DE REDUCTION DE LA DUREE D'INTERACTION POUR
   UNE TRANSACTION SANS CONTACT
 Application: WO 2006US38047 20060928 (PCT/WO US2006038047)

 26/AN,AZ,TI/16   (Item 16 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
01341274
METHOD AND SYSTEM FOR AUTHORIZING A TRANSACTION USING A DYNAMIC
   AUTHORIZATION CODE
PROCEDE ET SYSTEME POUR L'AUTORISATION D'UNE TRANSACTION UTILISANT UN
CODE D'AUTORISATION DYNAMIQUE
 Application: WO 2005US29758 20050818 (PCT/WO US2005029758)

 26/AN,AZ,TI/17   (Item 17 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
00750927
PROMOTIONAL GAME PLAYED ONLINE
JEU OU LOTERIE AVEC UN PRIX VALIDE ET/OU REMBOURSE EN LIGNE
 Application: WO 2000US11094 20000421 (PCT/WO US0011094)

 26/AN,AZ,TI/18   (Item 18 from file: 349)
DIALOG(R)File 349:(c) 2010 WIPO/Thomson. All rts. reserv.
00344642
SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC
RIGHTS PROTECTION
SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE
PROTECTION ELECTRONIQUE DES DROITS
 Application: WO 96US2303 19960213 (PCT/WO US9602303)

DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2010 European Patent Office. All rts. reserv.

02615076
Systems and methods for secure transaction management and electronic rights protection
Systeme und Verfahren zur Verwaltung sicherer Transaktionen und zum Schutz
    der elektronischen Rechte
Systemes et procedes de gestion de transactions securisees et de protection
    des droits electroniques
PATENT ASSIGNEE:
  Intertrust Technologies Corp, (7745470), 955 Stewart Drive, Sunnyvale CA
    94085-3913, (US), (Applicant designated States: all)
INVENTOR:
  Ginter, Karl, L., 10404 43rd Avenue, Beltsville MD 20705, (US)
  Shear, Victor, H., 5203 Battery Lane, Bethesda MD 20814, (US)
  Spahn, Francis, J., 2410 Edwards Avenue, El Cerrito CA 94530, (US)
  Van Wie, David, M., P.O. Box 5610, Eugene OR 97405, (US)
LEGAL REPRESENTATIVE:
  Williams, Michael Ian (92852), fj Cleveland 40-43 Chancery Lane, London
    WC2A 1JQ, (GB)
PATENT (CC, No, Kind, Date): EP 2015214 A2 090114 (Basic)
APPLICATION (CC, No, Date): EP 2008105555 960213;
PRIORITY (CC, No, Date): US 388107 950213
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
  NL; PT; SE
RELATED PARENT NUMBER(S) - PN (AN):
  EP 861461 (EP 96922371)
INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
  G06F-0021/00   A I F B 20060101 20081124 H EP
ABSTRACT WORD COUNT: 88
NOTE: Figure number on first page: 80
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
    CLAIMS A (English) 200903   613
    SPEC A   (English) 200903 194827
Total word count - document A   195440
Total word count - document B   0
Total word count - documents A + B 195440

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
  G06F-0021/00   A I F B 20060101 20081124 H EP
...SPECIFICATION user transaction listings (level of detail might depend,
  for example on type or size of transaction-information regarding a
  bank interest payment to a customer or a transfer of a large...

DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2010 European Patent Office. All rts. reserv.

00306062
Digital data processing system.
Digitales Datenverarbeitungssystem.
Systeme du traitement de donnees numeriques.
PATENT ASSIGNEE:
  DATA GENERAL CORPORATION, (410940), Route 9, Westboro Massachusetts 01581
  , (US), (applicant designated states: AT;BE;CH;DE;FR;GB;IT;LI;LU;NL;SE)
INVENTOR:
  Bratt, Richard Glenn, 9 Brook Trail Road, Wayland Massachusetts 01778, (US)
  Clancy, Gerald F., 13069 Jaccaranda Center, Saratoga California 95070, (US)
  Gavrin, Edward S., Beaver Pond Road RFD 4, Lincoln Massachusetts 01773, (US)
  Gruner, Ronald Hans, 112 Dublin Wood Drive, Cary North Carolina 27514, (US)
  Mundie, Craig James, 136 Castlewood Drive, Cary North Carolina, (US)
  Schleimer, Stephen I., 1208 Ellen Place, Chapel Hill North Carolina 27514, (US)
  Wallach, Steven J., 12436 Green Meadow Lane, Saratoga California 95070, (US)
LEGAL REPRESENTATIVE:
  Robson, Aidan John et al (69471), Reddie & Grose 16 Theobalds Road,
    London WC1X 8PL, (GB)
PATENT (CC, No, Kind, Date): EP 300516 A2 890125 (Basic)
                      EP 300516 A3 890426
                      EP 300516 B1 931124
APPLICATION (CC, No, Date): EP 88200921 820521;
PRIORITY (CC, No, Date): US 266413 810522; US 266539 810522; US 266521
    810522; US 266415 810522; US 266409 810522; US 266424 810522; US 266421
    810522; US 266404 810522; US 266414 810522; US 266532 810522; US 266403
    810522; US 266408 810522; US 266401 810522; US 266524 810522
DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE
RELATED PARENT NUMBER(S) - PN (AN):
  EP 67556 (EP 823025960)
INTERNATIONAL PATENT CLASS (V7): G06F-009/46; G06F-012/14;
ABSTRACT WORD COUNT: 122
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1018
CLAIMS B	(German)	EPBBF1	868
CLAIMS B	(French)	EPBBF1	1115
SPEC B	(English)	EPBBF1	154256
Total word count - document A			0
Total word count - document B			157257
Total word count - documents A + B			157257

INTERNATIONAL PATENT CLASS (V7): G06F-009/46...
...G06F-012/14

...SPECIFICATION Block 10218 will be described next below.
  C. Virtual Processor State Blocks and Virtual Process Creation (Fig. 102)
    Referring again to Fig. 102, VP State Blocks 10218 is used in
  management...each Name is an 8, 12, or 16 bit number. All Names within a
  particular process will be of the same length. As will be
  described in a following discussion, Names appearing during execution of
  a process...Fig. 207 will be referred to in conjunction with Fig. 201 in
  the following discussion of MEM 10112's control structure.

 26/3,K/13   (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2010 WIPO/Thomson. All rts. reserv.

01601542   **Image available**
PORTABLE CONSUMER DEVICE CONFIGURED TO GENERATE DYNAMIC AUTHENTICATION
DATA
dispositif grand public portable configure pour generer des donnees
   d'authentification dynamique
Patent Applicant/Assignee:
  VISA USA INC, P.O. Box 8999, San Francisco, California 94128, US, US
    (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  HAMMAD Ayman, 6048 Corte Montanas, Pleasanton, California 94566, US, US
    (Residence), US (Nationality), (Designated only for: US)
  FAITH Patrick, 2810 Jones Gate Court, Pleasanton, CA 94566, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  ZHANG Patrick et al (agent), Townsend and Townsend and Crew LLP, Two
    Embarcadero Center, 8th Floor, San Francisco, California 94111, US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 2007149830 A2-A3 20071227 (WO 07149830)
  Application: WO 2007US71518 20070619 (PCT/WO US2007071518)
  Priority Application: US 2006815059 20060619; US 2006815430 20060620; US
    2007884089 20070109; US 2007764622 20070618
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
  AE AG AL AM AT AU AZ BA BB BG BH BR BW BY BZ CA CH CN CO CR CU CZ DE DK
  DM DO DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG
  KM KN KP KR KZ LA LC LK LR LS LT LU LY MA MD ME MG MK MN MW MX MY MZ NA
  NG NI NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN
  TR TT TZ UA UG US UZ VC VN ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC MT
  NL PL PT RO SE SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English

Filing Language: English
Fulltext Word Count: 7291
International Patent Class (v8 + Attributes)
IPC + Level Value Position Status Version Action Source Office:
  G06F-0012/14...
Fulltext Availability:
  Claims
Detailed Description
...[0034] Dynamic CWs (or dCWs) are described in Sahota et al. U.S.
  Patent Application Publication No...

...which is incorporated by reference herein in its entirety for all
  purposes. Sahota describes the generation of a dynamic
  verification value using an automatic transaction
  counter (ATC) maintained on the device in conjunction with payment
  data from the device such as...

...by the service provider to a predetermined value. Thereafter, the ATC
  may be incremented or decremented with each transaction. The
  service provider which deployed the payment service will maintain a corresponding...

 26/3,K/14   (Item 14 from file: 349)
DIALOG(R) File 349: PCT FULLTEXT
(c) 2010 WIPO/Thomson. All rts. reserv.

01531693   **Image available**
METHODS AND SYSTEMS FOR TWO-FACTOR AUTHENTICATION USING CONTACTLESS
CHIP CARDS OR DEVICES AND MOBILE DEVICES OR DEDICATED PERSONAL READERS
METHODES ET SYSTEMES PERMETTANT UNE AUTHENTIFICATION A DEUX FACTEURS,
   FAISANT INTERVENIR DES DISPOSITIFS OU DES CARTES A PUCE SANS CONTACT,
   ET DISPOSITIFS MOBILES OU LECTEURS PERSONNELS SPECIFIQUES ASSOCIES
Patent Applicant/Assignee:
 MASTERCARD INTERNATIONAL INCORPORATED, 2000 Purchase Street, Purchase, NY
   10577, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
 RANS Jean-paul Edmond, 7, Rue Wilquet Werner, B-1473 Glabais, BE, BE
   (Residence), BE (Nationality), (Designated only for: US)
 VANNESTE Paul, Avenue Des Sittelles 5, B-1340 Ottignies, BE, BE
   (Residence), BE (Nationality), (Designated only for: US)
Legal Representative:
 WILLIAMS Eliot D et al (agent), BAKER BOTTS L.L.P., 30 Rockefeller Plaza,
   New York, NY 10112-4498, US
Patent and Priority Information (Country, Number, Date):
 Patent: WO 200776476 A2-A3 20070705 (WO 0776476)
 Application: WO 2006US62554 20061222 (PCT/WO US2006062554)
 Priority Application: US 2005753311 20051222
Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)
  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
  DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN
  KP KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA NG NI
  NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT
  TZ UA UG US UZ VC VN ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL
  PL PT RO SE SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 7062
International Patent Class (v8 + Attributes)
IPC + Level Value Position Status Version Action Source Office:
  G06Q-0040/00...
Fulltext Availability:
  Claims
Detailed Description
...The contactless chip card can use a variety of variables in
  generating the dynamic value including a
  transaction counter that it stores internally, as well as an
  unpredictable number generated by the mobile device...

...the card with a terminal-generated random challenge (UN). It gets in
  return a cryptographically generated card authentication
  code (CVC3), or dynamic value, typically computed on data
  including that UN and a card-stored counter (ATC), or
  transaction counter, incremented at each transaction.

 26/3,K/16   (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01341274   **Image available**
METHOD AND SYSTEM FOR AUTHORIZING A TRANSACTION USING A DYNAMIC
    AUTHORIZATION CODE
PROCEDE ET SYSTEME POUR L'AUTORISATION D'UNE TRANSACTION UTILISANT UN
CODE D'AUTORISATION DYNAMIQUE
Patent Applicant/Assignee:
  MASTERCARD INTERNATIONAL INCORPORATED, 2000 Purchase Street, Purchase, NY
    10577, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  WANKMUELLER John, 35 Tanners Road, Great Neck, NY 11020, US, US
    (Residence), US (Nationality),
Legal Representative:

SCHEINFELD Robert C et al (agent), Baker Botts L.L.P., 30 Rockefeller
  Plaza, New York, NY 10112-4498, US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200623839 A2-A3 20060302 (WO 0623839)
  Application: WO 2005US29758 20050818 (PCT/WO US2005029758)
  Priority Application: US 2004602594 20040818
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
  DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL
  PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU
  ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL
  PL PT RO SE SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 5532
International Patent Class (v8 + Attributes)
IPC + Level Value Position Status Version Action Source Office:
  G06Q-0099/00...
Fulltext Availability:
  Claims
Detailed Description
... bits and data known to the
  authorization processor, or data that the authorization processor can
  derive from other data known to it or provided in the dynamic
  authentication code is not included in the final dynamic
  authentication code that is generated. For example, if
  a transaction counter is used and the authentication
  processor maintains a copy of the transaction counter associated with...

...the complete transaction counter need not be included in the data used
  to generate the dynamic mode. For instance, it may only be
  necessary to include some of the least significant...

...if the copy of the transaction counter stored in the authorization
  database gets out of synchronization with the counter on the mobile
  device, the authorization processor will be able to rebuild...

...cryptogram using the partial data received regarding the counter from
  the mobile device in the dynamic authorization code.
Claim
... a public key associated with said private key.
  . The method of claim 1 wherein said dynamic authentication

code generated by said mobile processing device is based at least in part on a transaction counter stored on said mobile processing device.

...transaction counter is maintained in said authorization database, further comprising the step of verifying said transaction counter used to generate said dynamic authentication code matches said copy of said transaction counter.

8 The method of claim 6 wherein said transaction counter is incremented when said dynamic authentication code is generated.
9 A system for authorizing a transaction, comprising:
an authorization database containing at least one...

...mobile processing device includes a transaction counter, and wherein said mobile processing device uses said transaction counter at least in part to generate said dynamic authentication code.

14 The system of claim 13 wherein said authorization database further includes a copy of said transaction counter, and wherein said authorization processor is further for verifying said transaction counter used to generate said dynamic 1 0 authentication code matches said copy of said transaction counter.

15 The system of claim 13 wherein said transaction counter is incremented when said dynamic authentication code is generated.

III. Text Search Results from Dialog - NPL

A.   Abstract Databases

? show files;ds;cost;logoff hold
File 471:New York Times Fulltext 1980-2010/Jan 19
        (c) 2010 The New York Times
File 139:EconLit 1969-2009/Dec
        (c) 2009 American Economic Association
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
        (c) 2002 Gale/Cengage
File 474:New York Times Abs 1969-2010/Jan 11
        (c) 2010 The New York Times
File 475:Wall Street Journal Abs 1973-2010/Jan 19
        (c) 2010 The New York Times
File 35:Dissertation Abs Online 1861-2009/Nov
        (c) 2009 ProQuest Info&Learning
File 65:Inside Conferences 1993-2010/Jan 19
        (c) 2010 BLDSC all rts. reserv.
File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Nov
        (c) 2009 The HW Wilson Co.
File 256:TecTrends 1982-2010/Jan W2
        (c) 2010 Info.Sources Inc. All rights res.
File   2:INSPEC 1898-2010/Jan W2
        (c) 2010 The IET

Set   Items   Description
S1   2486403   TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY
        OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S2   2486403   TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY
        OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S3   529135   NUMBER OR NUMBERS OR CODE OR CODES OR VALUE OR VALUES OR I-
        DENTIFIER OR IDENTIFIERS OR INDICAT?R OR INDICAT?RS
S4   62893   COUNT OR COUNTER OR METER OR TABULAT?R OR ACCUMULATOR OR R-
        EGISTER OR TALLY
S5   1148952   GENERAT??? OR BUILD??? OR CONFIGUR? OR CONSTRUCT??? OR CRE-
        AT??? OR DEFIN??? OR DEVELOP? OR FORMULAT??? OR INSTANTIAT???
        OR PRODUCE OR PRODUCING OR SYNTHESI?E? ? OR SYNTHESI?ING
S6   240688   SEQUENTIAL?? OR ITERATIVE OR ADAPTIVE OR PROGRESSIVE OR (C-
        ONTINUOUS?? OR PERPETUAL?? OR PERSISTENT?? OR REPEATING OR RE-
        CURRENT?? OR REPETITIVE)()(RECALCULAT??? OR RECOMPUT??? OR RE-
        FIGUR???) OR INTERACTIV? OR DYNAMIC? OR INTERACTIONAL
S7   28676   ENCRYPT OR ENCRYPTING OR ENCRYPTION OR ENCRYPTED OR ENCIPH-
        ER OR ENCIPHERING OR ENCIPHERED OR ENCODE OR ENCODED OR ENCOD-
        ING OR CIPHER()TEXT OR SCRAMBLE OR SCRAMBLES OR SCRAMBLING
S8   8926   DECRYPT OR DECRYPTS OR DECRYPTED OR DECRYPTING OR DECRYPTI-
        ON OR DECODE OR DECODING OR DECODES OR DECODED OR DECIPHER OR

```
           DECIPHER OR DECIPHERS OR DECIPHERED OR DECIPHERING OR UNSCRAM-
           BLE OR UNSCRAMBLES OR UNSCRAMBLING OR CRYPTANALYSIS
S9    240513   EXTRACT OR EXTRACTING OR EXTRACTION OR EXTRACTS OR EXTRACT-
           ED OR FILTER OR FILTERING OR FILTRATION OR FILTERS OR FILTERED
            OR DISTIL? OR CULL OR CULLS OR CULLED OR CULLING OR GLEAN OR
           GLEANS OR GLEANED OR GLEANING OR SIFT OR SIFTS OR SIFTING OR -
           SIFTED OR DERIV?
S10   171139   DECREMENT??? OR DECREAS??? OR SUBTRACT??? OR REMOV???
S11   402130   CONCATENAT??? OR AGGREGAT??? OR INTEGRAT??? OR LINK??? OR -
           MATCH??? OR ALIGN??? OR SYNCHRONIS? OR SYNCHRONIZ? OR SYNC OR
           SYNCS OR SYNCH OR SYNCHS OR COORDINAT??? OR CO()ORDINAT??? OR
           HARMONI?
S12     3171   S2()S3
S13      504   S2()S4
S14        0   S5(5N)(S12(10N)S13)
S15        0   S6(10N)S14
S16        0   S7(10N)S8(10N)S9(10N)S10(10N)S11
S17        0   S15(S)S16
S18        0   S2(S)S3(S)S4(S)S5(S)S6(S)S7(S)S8(S)S9(S)S10(S)S11
S19        2   S12(S)S13
S20        2   S12 AND S13
```

20/3,K/1   (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
09293486
DBS launches e-payment system SINGAPORE: DBS INTRODUCES E-PAYMENT SYSTEM
Business Times (XBA)   24 May 2000 p.4
Language: ENGLISH

... features that enable the merchants to set their own parameters on the
transactions, such as transaction value limits, daily
transaction count limits and monthly transaction
value limits. The bank will also set up a fraud count and merchants will be notified...

20/3,K/2   (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

02614767
Title: Multicontrol store processor
Author(s): Blum, A.
Author Affiliation: IBM Corp., Armonk, NY, USA
Journal: IBM Technical Disclosure Bulletin, vol.23, no.2, pp.649-50
Country of Publication: USA
Publication Date: July 1980
ISSN: 0018-8689
CODEN: IBMTAA
Language: English
Subfile(s): C (Computing & Control Engineering)
INSPEC Update Issue: 1981-001
Copyright: 1981, IEE
Abstract: ...address register of the processor, and its output data
  (control information) is read into an operation register,
  whence the coded or uncoded bits of the operation code of
  the microinstruction together with the time control signals are
  distributed to the data flow...

Identifiers: address register; operation register; multicontrol store processor

B.   Full-text Databases

Full text NPL files - 1

? show files;ds;cost;logoff hold
File 20:Dialog Global Reporter 1997-2010/Jan 19
        (c) 2010 Dialog
Set   Items   Description
S1   10949714   TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY
        OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S2   15809518   NUMBER OR NUMBERS OR CODE OR CODES OR VALUE OR VALUES OR I-
        DENTIFIER OR IDENTIFIERS OR INDICAT?R OR INDICAT?RS
S3   2843088   COUNT OR COUNTER OR METER OR TABULAT?R OR ACCUMULATOR OR R-
        EGISTER OR TALLY
S4   23771410   GENERAT??? OR BUILD??? OR CONFIGUR? OR CONSTRUCT??? OR CRE-
        AT??? OR DEFIN??? OR DEVELOP? OR FORMULAT??? OR INSTANTIAT???
        OR PRODUCE OR PRODUCING OR SYNTHESI?E? ? OR SYNTHESI?ING
S5   2108784   SEQUENTIAL?? OR ITERATIVE OR ADAPTIVE OR PROGRESSIVE OR (C-
        ONTINUOUS?? OR PERPETUAL?? OR PERSISTENT?? OR REPEATING OR RE-
        CURRENT?? OR REPETITIVE)()(RECALCULAT??? OR RECOMPUT??? OR RE-
        FIGUR???) OR INTERACTIV? OR DYNAMIC? OR INTERACTIONAL
S6   260490   ENCRYPT OR ENCRYPTING OR ENCRYPTION OR ENCRYPTED OR ENCIPH-
        ER OR ENCIPHERING OR ENCIPHERED OR ENCODE OR ENCODED OR ENCOD-
        ING OR CIPHER()TEXT OR SCRAMBLE OR SCRAMBLES OR SCRAMBLING
S7   57362   DECRYPT OR DECRYPTS OR DECRYPTED OR DECRYPTING OR DECRYPTI-
        ON OR DECODE OR DECODING OR DECODES OR DECODED OR DECIPHER OR
        DECIPHER OR DECIPHERS OR DECIPHERED OR DECIPHERING OR UNSCRAM-
        BLE OR UNSCRAMBLES OR UNSCRAMBLING OR CRYPTANALYSIS
S8   2118183   EXTRACT OR EXTRACTING OR EXTRACTION OR EXTRACTS OR EXTRACT-
        ED OR FILTER OR FILTERING OR FILTRATION OR FILTERS OR FILTERED
        OR DISTIL? OR CULL OR CULLS OR CULLED OR CULLING OR GLEAN OR
        GLEANS OR GLEANED OR GLEANING OR SIFT OR SIFTS OR SIFTING OR -
        SIFTED OR DERIV?
S9   2994714   DECREMENT??? OR DECREAS??? OR SUBTRACT??? OR REMOV???
S10 10190120   CONCATENAT??? OR AGGREGAT??? OR INTEGRAT??? OR LINK??? OR -
        MATCH??? OR ALIGN??? OR SYNCHRONIS? OR SYNCHRONIZ? OR SYNC OR
        SYNCS OR SYNCH OR SYNCHS OR COORDINAT??? OR CO()ORDINAT??? OR
        HARMONI?
S11   49969   S1()S2
S12   1108   S1()S3
S13   1   S4(5N)(S11(10N)S12)
S14   0   S5(10N)S13
S15   1   S6(10N)S7(10N)S8(10N)S9(10N)S10
S16   0   S14(S)S15
S17   56   S11(S)S12
S18   4   S5(S)S17
S19   38   S17(S)(S6 OR S7 OR S8 OR S9 OR S10)

```
S20     38  S18 OR S19
S21      0  S20 NOT (PY> 2003 OR PD= 20030819:20031231)
S22      6  S17 NOT (PY> 2003 OR PD= 20030819:20031231)
S23      6  RD  (unique items)
```

23/6/1
30653684 (USE FORMAT 7 OR 9 FOR FULLTEXT)
eSpeed Reports Second Quarter 2003 Fully Taxed Operating EPS of $0.15 and
  GAAP EPS of $0.14
August 12, 2003
WORD COUNT: 2978

23/6/2
29090791 (USE FORMAT 7 OR 9 FOR FULLTEXT)
ADD to BW5884 NY- ESPEED
May 12, 2003
WORD COUNT: 931

23/6/3
28674791 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Q1 2003 Tractor Supply Company Earnings Conference Call - Final - Part 2
April 01, 2003
WORD COUNT: 4220

23/6/4
27488817 (USE FORMAT 7 OR 9 FOR FULLTEXT)
eSpeed's Fourth Quarter Net Operating EPS More Than Doubles To $0.17;
  Revenue For Fourth Quarter Increases 17%; Net Operating Margins Expand
  Over 1,200 Basis Points To 28.1%
February 10, 2003
WORD COUNT: 3280

23/6/5
25979999 (USE FORMAT 7 OR 9 FOR FULLTEXT)
eSpeed Reports Record Third Quarter Net Operating EPS of $0.16 Compared to
  a Loss of $0.08 in the Prior Year; Exceeds Consensus by $0.02
November 11, 2002
WORD COUNT: 2916

23/6/6
21232868 (USE FORMAT 7 OR 9 FOR FULLTEXT)
eSpeed Achieves Profitability Despite Tragic Events of September 11th;
  First Profitable Quarter in Company History
February 12, 2002
WORD COUNT: 2630

Full text NPL files - 2

? show files;ds;cost;logoff hold
File 634:San Jose Mercury Jun 1985-2010/Jan 17
    (c) 2010 San Jose Mercury News
File 610:Business Wire 1999-2010/Jan 19
    (c) 2010 Business Wire.
File 613:PR Newswire 1999-2010/Jan 19
    (c) 2010 PR Newswire Association Inc
File 810:Business Wire 1986-1999/Feb 28
    (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
    (c) 1999 PR Newswire Association Inc
File 626:Bond Buyer Full Text 1981-2008/Jul 07
    (c) 2008 Bond Buyer

Set	Items	Description
S1	1960809	TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S2	1960809	TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S3	979756	NUMBER OR NUMBERS OR CODE OR CODES OR VALUE OR VALUES OR I-DENTIFIER OR IDENTIFIERS OR INDICAT?R OR INDICAT?RS
S4	190050	COUNT OR COUNTER OR METER OR TABULAT?R OR ACCUMULATOR OR R-EGISTER OR TALLY
S5	1462589	GENERAT??? OR BUILD??? OR CONFIGUR? OR CONSTRUCT??? OR CRE-AT??? OR DEFIN??? OR DEVELOP? OR FORMULAT??? OR INSTANTIAT??? OR PRODUCE OR PRODUCING OR SYNTHESI?E? ? OR SYNTHESI?ING
S6	251812	SEQUENTIAL?? OR ITERATIVE OR ADAPTIVE OR PROGRESSIVE OR (C-ONTINUOUS?? OR PERPETUAL?? OR PERSISTENT?? OR REPEATING OR RE-CURRENT?? OR REPETITIVE)()(RECALCULAT??? OR RECOMPUT??? OR RE-FIGUR???) OR INTERACTIV? OR DYNAMIC? OR INTERACTIONAL
S7	36156	ENCRYPT OR ENCRYPTING OR ENCRYPTION OR ENCRYPTED OR ENCIPH-ER OR ENCIPHERING OR ENCIPHERED OR ENCODE OR ENCODED OR ENCOD-ING OR CIPHER()TEXT OR SCRAMBLE OR SCRAMBLES OR SCRAMBLING
S8	6407	DECRYPT OR DECRYPTS OR DECRYPTED OR DECRYPTING OR DECRYPTI-ON OR DECODE OR DECODING OR DECODES OR DECODED OR DECIPHER OR DECIPHER OR DECIPHERS OR DECIPHERED OR DECIPHERING OR UNSCRAM-BLE OR UNSCRAMBLES OR UNSCRAMBLING OR CRYPTANALYSIS
S9	154696	EXTRACT OR EXTRACTING OR EXTRACTION OR EXTRACTS OR EXTRACT-ED OR FILTER OR FILTERING OR FILTRATION OR FILTERS OR FILTERED OR DISTIL? OR CULL OR CULLS OR CULLED OR CULLING OR GLEAN OR GLEANS OR GLEANED OR GLEANING OR SIFT OR SIFTS OR SIFTING OR -SIFTED OR DERIV?
S10	257190	DECREMENT??? OR DECREAS??? OR SUBTRACT??? OR REMOV???
S11	744504	CONCATENAT??? OR AGGREGAT??? OR INTEGRAT??? OR LINK??? OR -MATCH??? OR ALIGN??? OR SYNCHRONIS? OR SYNCHRONIZ? OR SYNC OR SYNCS OR SYNCH OR SYNCHS OR COORDINAT??? OR CO()ORDINAT??? OR

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        HARMONI?
S12   22776  S2()S3
S13    243  S2()S4
S14      0  S5(5N)(S12(10N)S13)
S15      0  S6(10N)S14
S16      0  S7(10N)S8(10N)S9(10N)S10(10N)S11
S17      0  S15(S)S16
S18     25  S12(S)S13
S19     29  S12(2S)S13
S20     16  S19(S)(S5 OR S6 OR S7 OR S8 OR S9 OR S10)
S21     25  S18 OR S20
S22      5  S21 NOT (PY> 2003 OR PD= 20030819:20031231)
S23      5  RD  (unique items)
```

23/6/1   (Item 1 from file: 610)
00808572 20021111315B6964 (USE FORMAT 7 FOR FULLTEXT)
eSpeed Reports Record Third Quarter Net Operating EPS of $0.16 Compared to
a Loss of $0.08 in the Prior Year; Exceeds Consensus by $0.02
Monday, November 11, 2002 17:21 EST
WORD COUNT: 2,811

23/6/2   (Item 2 from file: 610)
00713210 20020513133B9958 (USE FORMAT 7 FOR FULLTEXT)
eSpeed Reports Record First Quarter 2002 Results, Growing Fully Electronic
Transaction Revenue By 22 Percent; Net Operating EPS of $0.11, Increasing
38 Percent Versus Last Quarter
Monday, May 13, 2002 17:25 EDT
WORD COUNT: 2,885

23/6/3   (Item 3 from file: 610)
00663944 20020212043B1992 (USE FORMAT 7 FOR FULLTEXT)
eSpeed Achieves Profitability Despite Tragic Events of September 11th;
First Profitable Quarter in Company History-Company Reports $28.1 Million
in Revenue and Net Operating Income of $0.08 Per Share; Chairman Announces
Strong Outlook for 2002
Tuesday, February 12, 2002 19:23 EST
WORD COUNT: 2,514

23/6/4   (Item 4 from file: 610)
00632516 20011207341B5583 (USE FORMAT 7 FOR FULLTEXT)
eSpeed Reports Volume and Transaction Count for Third Quarter 2001
Friday, December 7, 2001 11:55 EST
WORD COUNT: 794

23/6/5   (Item 5 from file: 610)
00565876 20010801213B6629 (USE FORMAT 7 FOR FULLTEXT)
eSpeed Reports Record Second Quarter 2001 Results; Pipeline for Growth
Reaches $196 million-Total Revenue Increased 52% Over Prior Year Fully
Electronic Revenue Grew 57% Over Prior Year Software Solutions Up 53%
Sequentially and 68% Year Over Year
Wednesday, August 1, 2001 18:07 EDT
WORD COUNT: 2,411

Full text NPL files - 3

? show files;ds;cost;logoff hold
File 268:Banking Info Source 1981-2010/Jan W2
     (c) 2010 ProQuest Info&Learning
File 9:Business & Industry(R) Jul/1994-2010/Jan 16
     (c) 2010 Gale/Cengage
File 15:ABI/Inform(R) 1971-2010/Jan 18
     (c) 2010 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2010/Jan 16
     (c) 2010 Gale/Cengage
File 148:Gale Group Trade & Industry DB 1976-2010/Jan 16
     (c) 2010 Gale/Cengage
File 160:Gale Group PROMT(R) 1972-1989
     (c) 1999 The Gale Group

Set	Items	Description
S1	7594873	TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S2	12750041	NUMBER OR NUMBERS OR CODE OR CODES OR VALUE OR VALUES OR I-DENTIFIER OR IDENTIFIERS OR INDICAT?R OR INDICAT?RS
S3	2097431	COUNT OR COUNTER OR METER OR TABULAT?R OR ACCUMULATOR OR R-EGISTER OR TALLY
S4	22551178	GENERAT??? OR BUILD??? OR CONFIGUR? OR CONSTRUCT??? OR CRE-AT??? OR DEFIN??? OR DEVELOP? OR FORMULAT??? OR INSTANTIAT??? OR PRODUCE OR PRODUCING OR SYNTHESI?E? ? OR SYNTHESI?ING
S5	3181602	SEQUENTIAL?? OR ITERATIVE OR ADAPTIVE OR PROGRESSIVE OR (C-ONTINUOUS?? OR PERPETUAL?? OR PERSISTENT?? OR REPEATING OR RE-CURRENT?? OR REPETITIVE)()(RECALCULAT??? OR RECOMPUT??? OR RE-FIGUR???) OR INTERACTIV? OR DYNAMIC? OR INTERACTIONAL
S6	419026	ENCRYPT OR ENCRYPTING OR ENCRYPTION OR ENCRYPTED OR ENCIPH-ER OR ENCIPHERING OR ENCIPHERED OR ENCODE OR ENCODED OR ENCOD-ING OR CIPHER()TEXT OR SCRAMBLE OR SCRAMBLES OR SCRAMBLING
S7	99699	DECRYPT OR DECRYPTS OR DECRYPTED OR DECRYPTING OR DECRYPTI-ON OR DECODE OR DECODING OR DECODES OR DECODED OR DECIPHER OR DECIPHER OR DECIPHERS OR DECIPHERED OR DECIPHERING OR UNSCRAM-BLE OR UNSCRAMBLES OR UNSCRAMBLING OR CRYPTANALYSIS
S8	2378380	EXTRACT OR EXTRACTING OR EXTRACTION OR EXTRACTS OR EXTRACT-ED OR FILTER OR FILTERING OR FILTRATION OR FILTERS OR FILTERED OR DISTIL? OR CULL OR CULLS OR CULLED OR CULLING OR GLEAN OR GLEANS OR GLEANED OR GLEANING OR SIFT OR SIFTS OR SIFTING OR -SIFTED OR DERIV?
S9	2621837	DECREMENT??? OR DECREAS??? OR SUBTRACT??? OR REMOV???
S10	8572255	CONCATENAT??? OR AGGREGAT??? OR INTEGRAT??? OR LINK??? OR -MATCH??? OR ALIGN??? OR SYNCHRONIS? OR SYNCHRONIZ? OR SYNC OR SYNCS OR SYNCH OR SYNCHS OR COORDINAT??? OR CO()ORDINAT??? OR HARMONI?
S11	51327	S1()S2

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S12    1361   S1()S3
S13       1   S4(5N)(S11(10N)S12)
S14       0   S5(10N)S13
S15       4   S6(10N)S7(10N)S8(10N)S9(10N)S10
S16       0   S14(S)S15
S17      16   S11(S)S12
S18      47   S11(2S)S12
S19      14   S18(S)(S5 OR S6 OR S7 OR S8 OR S9 OR S10)
S20      34   S15 OR S17 OR S19
S21       6   S20 NOT (PY>2003 OR PD=20030819:20031231)
S22       5   RD  (unique items)
```

 22/6/1   (Item 1 from file: 15)
01574204 02-25193   **USE FORMAT 7 OR 9 FOR FULL TEXT**
The box we call the DTV exciter
Jan 1998   LENGTH: 2 Pages
WORD COUNT: 886

 22/6/2   (Item 1 from file: 16)
09223460   Supplier Number: 80223349 (USE FORMAT 7 FOR FULLTEXT)
For a few dollars more: alternate ways to grow revenue. (Finances).(Brief
 Article)(Statistical Data Included)
Nov, 2001
Word Count: 514

 22/6/3   (Item 2 from file: 16)
07399369   Supplier Number: 62277409
SINGAPORE: DBS INTRODUCES E-PAYMENT SYSTEM.
May 24, 2000

 22/6/4   (Item 3 from file: 16)
05678806   Supplier Number: 50163076 (USE FORMAT 7 FOR FULLTEXT)
Data Out Of Chaos
May, 1998
Word Count: 474

 22/6/5   (Item 4 from file: 16)
04462623   Supplier Number: 46550523 (USE FORMAT 7 FOR FULLTEXT)
Value of North American IT M&A transactions in first half more than doubles
 over first half last year; The Internet, industry concentration and
 market entry drive M&A transactions.
July 17, 1996
Word Count: 1560

22/3,K/1   (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01574204 02-25193
The box we call the DTV exciter
Markley, Don
Broadcast Engineering v40n1 PP: 58-60 Jan 1998

WORD COUNT: 886
...Once randomized, the data is then encoded using a method known as
Reed-Solomon encoding. This stage includes the addition of
error-correction signals to be used in the decoding process. The
sync data is removed prior to encoding and new segment
and field sync signals are added downstream from the encoder. The
data is then multiplexed and the pilot signal is added. The resulting
signal is then filtered and converted to an analog signal with
high-speed digital-to-analog converters. Now, the...

22/3,K/3   (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

07399369   Supplier Number: 62277409
SINGAPORE: DBS INTRODUCES E-PAYMENT SYSTEM.
Business Times (Singapore), p4
May 24, 2000
Language: English   Record Type: Abstract
Document Type: Newspaper; Trade
ABSTRACT:
...features that enable the merchants to set their own parameters on the
transactions, such as transaction value limits, daily
transaction count limits and monthly transaction
value limits. The bank will also set up a fraud count and merchants will be notified...
TEXT:

22/3,K/4   (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

05678806   Supplier Number: 50163076 (USE FORMAT 7 FOR FULLTEXT)
Data Out Of Chaos
Lasers & Optronics, p6
May, 1998
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Refereed; Academic Trade

Word Count: 474
...   to the first. Upon receiving the combined signal, the receiving
EDFA began generating chaotic fluctuations synchronized with those
produced by the transmitting system. The chaotic portion of the signal,
measured by a digital oscilloscope, was then subtracted from the
combined signal and low-pass filtered, recovering the original
message to be read by the recipient.

Roy believes that the sending and receiving EDFA systems must be
similar, though not necessarily identical, for the chaotic encoding/
decoding scheme to work. The timing of the signal and other factors
such as the lasers...

...in both systems. Thus, a person intercepting the message with a similar
laser could not decode it without knowing these parameters.

Other researchers have used chaos to mask information in electronic...

Full text NPL files - 4

? show files;ds;cost;logoff hold
File 275:Gale Group Computer DB(TM) 1983-2010/Dec 11
    (c) 2010 Gale/Cengage
File 621:Gale Group New Prod.Annou.(R) 1985-2010/Dec 03
    (c) 2010 Gale/Cengage
File 636:Gale Group Newsletter DB(TM) 1987-2010/Dec 17
    (c) 2010 Gale/Cengage
File 267:Finance & Banking Newsletters 2008/Sep 29
    (c) 2008 Dialog
File 624:McGraw-Hill Publications 1985-2010/Jan 19
    (c) 2010 McGraw-Hill Co. Inc
File 625:American Banker Publications 1981-2008/Jun 26
    (c) 2008 American Banker

Set	Items	Description
S1	2817108	TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S2	2817108	TRANSACTION OR ACTION OR OPERATION OR PROCEDURE OR ACTIVITY OR VERIFICATION OR AUTHENTICATION OR CONFIRMATION OR VALIDATION
S3	1307138	NUMBER OR NUMBERS OR CODE OR CODES OR VALUE OR VALUES OR IDENTIFIER OR IDENTIFIERS OR INDICAT?R OR INDICAT?RS
S4	234322	COUNT OR COUNTER OR METER OR TABULAT?R OR ACCUMULATOR OR REGISTER OR TALLY
S5	1973008	GENERAT??? OR BUILD??? OR CONFIGUR? OR CONSTRUCT??? OR CREAT??? OR DEFIN??? OR DEVELOP? OR FORMULAT??? OR INSTANTIAT??? OR PRODUCE OR PRODUCING OR SYNTHESI?E? ? OR SYNTHESI?ING
S6	311932	SEQUENTIAL?? OR ITERATIVE OR ADAPTIVE OR PROGRESSIVE OR (CONTINUOUS?? OR PERPETUAL?? OR PERSISTENT?? OR REPEATING OR RECURRENT?? OR REPETITIVE)()(RECALCULAT??? OR RECOMPUT??? OR REFIGUR???) OR INTERACTIV? OR DYNAMIC? OR INTERACTIONAL
S7	69647	ENCRYPT OR ENCRYPTING OR ENCRYPTION OR ENCRYPTED OR ENCIPHER OR ENCIPHERING OR ENCIPHERED OR ENCODE OR ENCODED OR ENCODING OR CIPHER()TEXT OR SCRAMBLE OR SCRAMBLES OR SCRAMBLING
S8	14416	DECRYPT OR DECRYPTS OR DECRYPTED OR DECRYPTING OR DECRYPTION OR DECODE OR DECODING OR DECODES OR DECODED OR DECIPHER OR DECIPHER OR DECIPHERS OR DECIPHERED OR DECIPHERING OR UNSCRAMBLE OR UNSCRAMBLES OR UNSCRAMBLING OR CRYPTANALYSIS
S9	249068	EXTRACT OR EXTRACTING OR EXTRACTION OR EXTRACTS OR EXTRACTED OR FILTER OR FILTERING OR FILTRATION OR FILTERS OR FILTERED OR DISTIL? OR CULL OR CULLS OR CULLED OR CULLING OR GLEAN OR GLEANS OR GLEANED OR GLEANING OR SIFT OR SIFTS OR SIFTING OR SIFTED OR DERIV?
S10	316561	DECREMENT??? OR DECREAS??? OR SUBTRACT??? OR REMOV???
S11	990912	CONCATENAT??? OR AGGREGAT??? OR INTEGRAT??? OR LINK??? OR MATCH??? OR ALIGN??? OR SYNCHRONIS? OR SYNCHRONIZ? OR SYNC OR SYNCS OR SYNCH OR SYNCHS OR COORDINAT??? OR CO()ORDINAT??? OR

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        HARMONI?
S12   22914  S2()S3
S13    327  S2()S4
S14      0  S5(5N)(S12(10N)S13)
S15      0  S6(10N)S14
S16      0  S7(10N)S8(10N)S9(10N)S10(10N)S11
S17      0  S15(S)S16
S18   48623  S2(2N)S3
S19   3296  S2(2N)S4
S20     60  S18(S)S19
S21      3  S20(S)(S6 OR S7 OR S8 OR S9 OR S10)
S22      5  S12(S)S13
S23     89  S18(2S)S19
S24     13  S23(S)(S6 OR S7 OR S8 OR S9 OR S10)
S25     18  S21 OR S22 OR S24
S26      8  S25 NOT (PY>2003 OR PD=20030819:20031231)
S27      8  RD  (unique items)
```

27/6/1   (Item 1 from file: 275)
02692709   SUPPLIER NUMBER: 98922304   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Cores extend a standard instruction-set architecture. (leading edge).(MIPS
  Computer Systems' Pro Series 4Ke, M4K, 4KSd)
March 6, 2003
WORD COUNT: 410   LINE COUNT: 00037

27/6/2   (Item 2 from file: 275)
01978743   SUPPLIER NUMBER: 18643196   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Seek and fine-tune: Getting the most from client-server transactions.
  (Technology Tutorial)(Tutorial)
Sep, 1996
WORD COUNT: 4405   LINE COUNT: 00368

27/6/3   (Item 3 from file: 275)
01668602   SUPPLIER NUMBER: 15026791   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Networks Expo - Frye intros SUDS WAND, upgrades.
Feb 22, 1994
WORD COUNT: 1280   LINE COUNT: 00102

27/6/4   (Item 4 from file: 275)
01548235   SUPPLIER NUMBER: 12926092   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Speed system operation by matching CPU to need: understanding the many
  forms of context switching is key to maximizing RISC performance in
  embedded-system applications. (Design Applications)
Nov 2, 1992

WORD COUNT: 5213   LINE COUNT: 00412

 27/6/5   (Item 5 from file: 275)
01372438   SUPPLIER NUMBER: 09452463   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Lessons from the design of the Eiffel Libraries: tools for the new culture.
 (component-based software development in the Eiffel environment using the
 Basic Eiffel Libraries) (includes related articles on classifying data
 structures and major Eiffel techniques)
Sept, 1990
WORD COUNT: 13611   LINE COUNT: 01107

 27/6/6   (Item 6 from file: 275)
01209460   SUPPLIER NUMBER: 04700900   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Modular developments. (Modula 2) (Software Review) (evaluation)
March, 1987
WORD COUNT: 10560   LINE COUNT: 00848

 27/6/7   (Item 7 from file: 275)
01205828   SUPPLIER NUMBER: 04655439   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Pixel alignment of EGA fonts. (programming practices)
Jan, 1987
WORD COUNT: 2795   LINE COUNT: 00203

 27/6/8   (Item 1 from file: 621)
01405274   Supplier Number: 46550523 (USE FORMAT 007 FOR FULLTEXT)
Value of North American IT M&A transactions in first half more than doubles
 over first half last year; The Internet, industry concentration and
 market entry drive M&A transactions.
July 17, 1996
Word Count: 1560

27/3,K/1   (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02692709   SUPPLIER NUMBER: 98922304   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Cores extend a standard instruction-set architecture. (leading edge).(MIPS
 Computer Systems' Pro Series 4Ke, M4K, 4KSd)
Cravotta, Robert
EDN, 48, 5, 26(1)
March 6, 2003
ISSN: 0012-7515   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 410   LINE COUNT: 00037
...   The MIPS32 architecture reserves 16 operation codes under
the Special2 main operation code for the use of user-defined
instructions. The instruction format has ...jumps, branches, loads, or
stores within a user-defined instruction. When the main core pipeline
decodes to a user-defined instruction, the core makes available two
sources from the register file...

IV.   Additional Resources Searched

Searches were done in two template files not available through DIALOG, the Internet and Personal Computing Abstracts and the Financial Times, but there were no results.